



## appendix 1

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### ARTS AND CULTURAL WORKERS — DEFINITIONS

The Australian Bureau of Statistics' five-yearly Census provides data on the number of persons in arts and cultural occupations in Australia. Over the years, these statistics have been further developed to reflect the demographic and economic circumstances of arts professionals and other cultural workers. During the past decade, the ABS in cooperation with the Australia Council and other organisations has completed some valuable work for the Cultural Ministers' Council to define the number of persons who work in culture/leisure occupations. The classifications used in the 1996 Census reflect this work.

This means that we will have an increasingly reliable and detailed guide to the number of arts and cultural workers and their economic circumstances in the future. Details are available for individual geographic areas, for demographic classes (such as gender, age and country of birth) and other attributes, including income and hours worked per week. Some data for 1996 are shown in Appendix 2 and summarised in Chapter 3.

By the same token, however, it is impossible to obtain a consistent detailed time series going back 30 years. Estimates can be made from 1971 for total arts professionals as a group. Only three occupational groups can be traced back as far as 1981; some detailed comparisons can be made for the ten-year period, 1986-96, some only between 1991 and 1996.

This study distinguishes between three classifications of cultural workers:

- + The longest series are for the **arts professions** ('artists and related workers' included in the occupational classification under professions). Details are known or can be estimated for each of ten arts categories for the 1986, 1991 and 1996 Census. The number of musicians and related workers can be estimated from 1981. The Australia Council's publication *Artburst!* by Hans Guldberg measured the trend in the total number of arts professionals from 1971 to 1986, so that we now have 25 years of consistent

data.

- + The second classification captures a wider range of **other cultural professionals**: architects, arts teachers, media producers, artistic directors, and librarians. Full statistics are available from 1986 for architects and librarians (as for the arts professions), while full statistics for the other occupational groups exist only since 1991. Reasonably consistent estimates for 1981 have been made for architects and librarians as shown in Chapter 3.
- + The third category consists of all **other culture/leisure occupations**. With the exception of a few such as landscape architects, museum and gallery curators, most persons in this category are technical and support personnel rather than professionals.

The above categories were defined from the National Culture/Leisure Industry Statistical Framework, which resulted from the work for the Cultural Ministers' Council. It consists of 83 occupations including support workers. This provides a splendid basis for a detailed cross-sectional study of the cultural sector and for its individual parts, including the individual arts occupations.

The occupations are shown in Table A1.1, arranged in accordance with the classification above, and showing the number of persons belonging to each occupation in 1996.

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**In 1986, the definition of the core arts group changed** as related in the beginning of Chapter 3. This was explained in the 1992 Australia Council publication, *Artburst!* The text below and the associated table are reproduced practically unchanged from pages 100-101 of that publication.

Table A1.2 shows that changes in definition of artists and related workers in the 1986 Census were quite extensive. About 34,400 persons were common to both definitions in 1986, or 70.7% of the total number according to the new definition. Therefore, about 14,000 persons in this group would not have been included in the old classification. The largest groups transferred to the artists' category came from photographers and camera operators, a class of professionals which included librarians, and the armed services. The latter category would include 519 musicians giving their industry as the armed services, according to the detailed Census

results.

The right-hand panel shows that the 34,400 persons common to both definitions represented only 57.5% of the total group according to the previous definition. The main groups excluded were university, college and extra-systemic teachers (including numerous private music and art teachers), business professionals, specialist managers including education managers, and a class of para-professional people including performing arts support.

It is appropriate to assume that growth in the more narrowly defined group of artists and related workers was similar to the broader group. The 1971-86 growth rates therefore represent the previous definition, but the numbers were derived from the new one. This assumption is sensible given that those excluded from the new definition (private music teachers and others) did not grow any faster.

Postscript to the above extract from *Artburst! 1992*: The only additional indication we have relates to private art, music, dance and drama teachers (Appendix 2). Their total number increased from 8,400 in 1991 (Table A2.2) to 11,150 in 1996 (Table A2.1). The equivalent annual rate of growth is 5.8%, which may be compared with 5.1% for total arts professionals. This is as compatible as one could ever hope it to be with our assumption that growth in the excluded group was equal to growth in the core group between 1971 and 1986.

The assumption about equal growth rates was retained when the 1971-91 estimates were adjusted in accordance with the 1996 definition, which captured a greater number of craftspeople in the arts professions group.

Table A1.1: Culture/leisure workers, 1996 Census: Arts professionals

ASCO code	Occupation	Persons	ASCO code	Occupation	Persons
253000	Artists/related professionals n.f.d.	3,603	253515	Script editor	123
253100	Visual arts and crafts professionals n.f.d.	211	253600	Film/TV/radio/stage directors n.f.d.	68
253111	Painter (visual arts)	2,414	253611	Art director (film/TV/stage)	235
253113	Sculptor	471	253613	Director (film/TV/radio/stage)	1,701
253115	Potter or ceramic artist	2,155	253615	Director of photography	280
253179	Visual arts and crafts professionals n.e.c.	4,268	253617	Film/video editor	1,022
253211	Photographer	6,259	253619	Stage manager	373
253300	Designers/illustrators n.f.d.	2,142	253621	Program director (radio/TV)	307
253311	Fashion designer	2,666	253623	Technical director	189
253313	Graphic designer	13,086	253679	Film/TV/radio/stagedirectors n.e.c.	746
253315	Industrial designer	1,677	253700	Musicians/related professionals n.f.d.	167
253317	Interior designer	2,986	253711	Music director	345
253319	Illustrator	1,356	253713	Singer	1,244
253400	Journalists/related professionals n.f.d.	1,544	253715	Instrumental musician	5,533
253411	Editor	2,246	253717	Composer	261
253413	Print journalist	5,823	253779	Musicians/related professionals n.e.c.	68
253415	Television journalist	993	253800	Actors/dancers/related professionals n.f.d.	36
253417	Radio journalist	639	253811	Actor	1,506
253419	Copywriter	890	253813	Dancer/choreographer	1,027
253421	Technical writer	1,311	253879	Actors/dancers/related professionals n.e.c.	1,537
253479	Journalists/related professionals n.e.c.	907	253900	Media presenters n.f.d.	30
253500	Authors/related professionals n.f.d.	39	253911	Radio presenter	2,132
253511	Author	2,344	253913	Television presenter	360
253513	Book editor	678			
				<b>Total arts professions</b>	<b>79,998</b>

Table A1.1 continued: Culture/leisure workers, 1996 Census: Related professionals and other occupations

ASCO code	Occupation	Persons	ASCO code	Occupation	Persons
<b>Related professions</b>					
129611	Media producer	4,758	399911	Interior decorator	1,162
129613	Artistic director	265	399913	Museum/art gallery technician	312
212111	Architect	9,961	499200	Performing arts support workers n.f.d.	126
229211	Librarian	9,566	499211	Sound technician	2,882
249111	Art teacher (private)	879	499213	Camera operator (film/TV/video)	1,009
249113	Music teacher (private)	7,113	499215	Television equipment operator	710
249115	Dance teacher (private)	2,761	499217	Broadcast transmitter operator	109
249117	Drama teacher (private)	396	499219	Motion picture projectionist	626
			499221	Light technician	628
			499223	Production assistant (film/TV/radio)	937
			499225	Production assistant (theatre)	70
			499227	Make-up artist	477
			499279	Performing arts support workers n.e.c.	319
<b>Total related professions 35,699</b>					
<b>Other culture/leisure occupations</b>					
129917	Environment/parks/landcare manager	2,336	499917	Piano tuner	361
212100	Architects/landscape architects n.f.d.	11	599917	Photographer's assistant	511
211415	Park ranger	1,695	619211	Library assistant	8,615
212113	Landscape architect	1,309	639911	Museum/gallery attendant	716
229915	Archivist	641	831211	Ticket collector/usher	2,825
254911	Conservator	361			
254921	Museum/gallery curator	762			
312113	Architectural associate	5,103			
339927	Theatre/cinema manager	937			
399711	Library technician	5,501			
				<b>Total other culture/leisure occupations</b>	<b>41,051</b>
				<b>Grand total culture/leisure occupations</b>	<b>156,748</b>

Abbreviations: **ASCO**: Australian Standard Classification of Occupations. **n.e.c.**: not elsewhere classified. **n.f.d.**: not further defined

Source: 1996 Census

Table A1.2: Reclassification and linking of occupational categories in 1986 Census

Classification and Classified List of Occupations (CCLO, 1971-86)		Australian Standard Classification of Occupations (1986-)					
CCLO Minor Group	ASCO Minor Group 28 by CCLO Minor Groups	Number	Pro-portion	ASCO Minor Group	CCLO Minor Group OJ by ASCO Minor Groups	Number	Pro-portion
<b>OJ</b>	<b>Artists, entertainers, writers and related workers</b>	<b>34,441</b>	<b>70.7%</b>	<b>28</b>	<b>Artists and related professionals</b>	<b>34,441</b>	<b>57.5%</b>
9H	Photographers, camera operators	4,435	9.1%	25	Other teachers, including university, TAFE, extra-systemic	6,645	11.1%
OL	Other professionals, including librarians	3,293	6.8%	27	Business professionals, including public relations officers	4,173	7.0%
10A	Armed services	1,160	2.4%	13	Specialist managers, including education managers	4,109	6.9%
2C	Other clerical workers	774	1.6%	36	Miscellaneous para-professionals, including performing arts support	2,490	4.2%
OK	Draftsmen and technicians	553	1.1%	12	General managers	1,346	2.2%
7/8G	Electricians, etc. including sound recording operators	483	1.0%	51	Stenographers and typists	634	1.1%
7/8L	Printing workers, including engravers	415	0.9%	45	Printing tradespeople	531	0.9%
OG	Teachers	313	0.6%	24	School teachers	523	0.9%
3C	Proprietors, shopkeepers, etc.	248	0.5%	62	Sales representatives	450	0.8%
	All other CCLO Minor Groups	2,627	5.4%		All other ASCO Minor Groups	4,533	7.6%
	<b>Minor Group 28: Artists and related professionals</b>	<b>48,742</b>	<b>100%</b>		<b>Minor Group OJ: Artists, entertainers, writers and related workers</b>	<b>59,875</b>	<b>100%</b>

Source: Australian Bureau of Statistics, ASCO/CCLO Link (Catalogue 21 1988) and *Corrigendum* (Canberra, July 1989)

## appendix 2

### CENSUS AND RELATED DATA ON CULTURAL WORKERS

The 1996 Census is sufficiently comparable with its predecessors of 1986 and 1991 to allow estimation of the changing number of cultural professionals and their incomes (Tables A2.1 to A2.3). The key findings are reported in Chapters 3 and 4.

The three tables have five columns: number of persons in each occupation, estimated median and average (mean) income at constant 1997 prices, ratio of average to median income and estimated total income. The ratio of average (mean) to median income is an indicator of income distributions: if the ratio is relatively high there is likely to be a relatively long 'tail' of high incomes, and vice versa.

According to this measure, the income distribution for private art teachers is the most unequal of any of the professional groups both in 1991 and 1996 (A2.1 and A2.2), but both median and average income were among the lowest in both years. Actors and dancers also have relatively low median incomes, but a 'tail' of high incomes skews the average upwards. Film, television, radio and stage directors have a higher median income and, judging by the ratio of median to average income, a relatively unequal income distribution.

Tables A2.4 to A2.6 present the time series in number of persons, median incomes and total incomes for each of the arts and other cultural professional groups. Annual changes are shown in the right-hand panel of the tables (1986-91, 1991-96 and the full ten-year period from 1986 to 1996).

Tables A2.7 to A2.12 concentrate on the 1996 Census. Where are the cultural workers employed – in cultural industries or elsewhere in the economy? This is the subject of Tables A2.7 to A2.9. For example, less than half of the total 80,000 arts professionals worked in industries defined as cultural, mainly because designers and illustrators tend to work in other industries. So even more do architects, all four kinds of private arts teachers, and librarians to a lesser extent. (Architectural practices are not classified as a cultural industry, which may be an oversight.)

Identified Indigenous people accounted for less than 1% of cultural workers in 1996, but for a much higher proportion of visual artists, potters and other crafts, and media presenters. There were relatively many architects and craft professionals born in non-English-speaking countries (Table A2.10).

Arts professionals tended to be younger than the workforce as a whole, especially actors, dancers and media presenters. But visual artists, including potters and other crafts, and authors are considerably older (Table A2.11). There is an enormous variation in gender distributions from architects (83% male) to private dance teachers (86% female).

Table A2.11 also shows the proportion of each occupational group with tertiary qualifications: in a range of subjects deemed cultural, and in all subjects. Relatively high proportions of the cultural occupational groups have tertiary qualifications, with architects and librarians topping the list. The only groups with less than average proportions of tertiary qualifications in 1996 were media presenters, actors and dancers, and private dance teachers.

Finally, Table A2.11 shows that most groups work similar hours per week as the overall workforce does on average. However, musicians, actors and dancers, and the four types of private arts teachers, all work much shorter hours.

New South Wales, Victoria and the ACT have a relatively high number of cultural workers given their total workforces (Table A2.12). There are typically significantly more males than females throughout Australia among the core group of arts professionals, while the reverse is true for other cultural professionals.

The final tables, A2.13 to A2.18, were compiled from *Work in Selected Culture/Leisure Activities, March 1997* (Australian Bureau of Statistics Catalogue No 6281.0), and from a tabulation specially prepared for this study. The purpose was to identify how many people are involved in some form of work relating to the culture and leisure activities covered by the survey questionnaire. Respondents were asked to nominate whether the work was paid or unpaid. Full details and explanations are given in the source document.

Table A2.13 shows participation rates in total selected activities for each gender in each State and Territory. Tables A2.14 and A2.15 show activities that are related to the performing and visual arts (many people have 'non-artistic' involvements such as fete, festival and art show organising, backup for the performing arts, and teaching). Based on the special ABS tabulation, Tables A2.16 and A2.17 provide details, excluding unpaid workers. Table A2.18 compares the 1997 survey with the first survey of culture/leisure activities, conducted in 1993.

**Table A2.1: Estimated employment in arts and other culturally related occupations, 1996 Census**

	Total number of persons	1996-97 prices			Ratio of mean to median	Total income (\$million)
		Median income	Mean income			
<b>A: Arts professionals</b>						
Artists and related professions undefined	3,600	\$ 23,600	\$ 28,148		1.19	103
Visual artists, except potters	7,370	\$ 15,300	\$ 18,231		1.19	136
Potters and ceramic artists	2,160	\$ 13,300	\$ 15,287		1.15	33
Photographers	6,260	\$ 22,800	\$ 26,656		1.17	169
Designers and illustrators	23,910	\$ 28,200	\$ 31,405		1.11	761
Journalists and related professions	14,350	\$ 37,300	\$ 42,225		1.13	614
Authors and related professions	3,180	\$ 27,500	\$ 31,996		1.16	103
Film, TV, radio and stage directors	4,920	\$ 33,000	\$ 40,405		1.22	202
Musicians and related professions	7,620	\$ 20,500	\$ 24,893		1.21	192
Actors, dancers and related professions	4,110	\$ 19,400	\$ 24,541		1.26	102
Media presenters	2,520	\$ 28,000	\$ 34,553		1.23	88
<b>Total arts professionals</b>	<b>80,000</b>	<b>\$ 26,900</b>	<b>\$ 30,885</b>		<b>1.15</b>	<b>2,503</b>
<b>B: Other cultural professionals</b>						
Architects	9,960	\$ 38,800	\$ 44,317		1.14	447
Private art teachers	880	\$ 13,000	\$ 17,150		1.32	15
Private music teachers	7,110	\$ 14,400	\$ 17,177		1.19	124
Private dance teachers	2,760	\$ 13,500	\$ 15,677		1.16	44
Private drama teachers	400	\$ 16,200	\$ 19,831		1.22	8
Media producers and artistic directors	5,020	\$ 40,600	\$ 47,611		1.17	242
Librarians	9,570	\$ 31,100	\$ 33,886		1.09	328
<b>Total other cultural professionals</b>	<b>35,700</b>	<b>\$ 29,100</b>	<b>\$ 33,421</b>		<b>1.15</b>	<b>1,209</b>
<b>Total cultural professionals</b>	<b>115,700</b>	<b>\$ 27,500</b>	<b>\$ 31,668</b>		<b>1.15</b>	<b>3,712</b>
<b>Other cultural occupations*</b>	<b>41,000</b>	<b>\$ 24,500</b>	<b>\$ 26,979</b>		<b>1.10</b>	<b>1,121</b>
<b>Total cultural occupations*</b>	<b>156,700</b>	<b>\$ 26,600</b>	<b>\$ 30,440</b>		<b>1.14</b>	<b>4,833</b>
<b>Total employed workforce</b>	<b>7,509,400</b>	<b>\$ 25,500</b>	<b>\$ 29,334</b>		<b>1.15</b>	<b>226,929</b>

\* As defined in ABS, *Employment in Selected Culture/Leisure Occupations*, ABS Catalogue No 6273.0 (1998)

Table A2.2: Estimated employment in arts and other culturally related occupations, 1991 Census

	Total number of persons	1996-97 prices		Ratio of mean to median	Total income (\$million)
		Median income	Mean income		
<b>A: Arts professionals</b>					
Artists and related professions undefined	2,800	\$ 25,500	\$ 30,500	1.20	86
Visual artists, except potters*	6,200	\$ 18,500	\$ 21,500	1.16	134
Potters	1,700	\$ 13,400	\$ 15,600	1.16	27
Photographers	5,200	\$ 25,000	\$ 27,000	1.08	142
Designers and illustrators	17,300	\$ 29,000	\$ 32,100	1.11	556
Journalists and related professions	10,300	\$ 35,600	\$ 41,800	1.17	431
Authors and related professions	2,900	\$ 29,300	\$ 34,400	1.17	98
Film, TV, radio and stage directors	3,800	\$ 36,500	\$ 42,900	1.18	163
Musicians and related professions	7,000	\$ 21,700	\$ 25,600	1.18	179
Actors, dancers and related professions	3,100	\$ 20,500	\$ 26,400	1.29	81
Announcers	2,200	\$ 28,500	\$ 36,200	1.27	78
<b>Total arts professionals</b>	<b>62,500</b>	<b>\$ 27,400</b>	<b>\$ 31,600</b>	<b>1.15</b>	<b>1,974</b>
<b>B: Other cultural professionals</b>					
Architects	8,700	\$ 42,500	\$ 51,100	1.20	446
Private art teachers	800	\$ 13,100	\$ 17,700	1.35	14
Private music teachers	5,500	\$ 13,100	\$ 16,700	1.27	91
Private dance teachers	1,800	\$ 12,800	\$ 15,400	1.20	28
Private drama teachers	300	\$ 14,700	\$ 18,600	1.27	5
Media producers and artistic directors	2,900	\$ 42,300	\$ 52,300	1.24	154
Librarians	10,500	\$ 33,400	\$ 33,800	1.01	354
<b>Total other cultural professionals</b>	<b>30,500</b>	<b>\$ 31,700</b>	<b>\$ 35,800</b>	<b>1.13</b>	<b>1,093</b>
<b>Total cultural occupations</b>	<b>93,000</b>	<b>\$ 28,600</b>	<b>\$ 33,000</b>	<b>1.15</b>	<b>3,067</b>
<b>Total employed workforce</b>	<b>7,109,300</b>	<b>\$ 22,900</b>	<b>\$ 26,300</b>	<b>1.15</b>	<b>186,943</b>

\* Visual artist classification adjusted to 1996 definition

Table A2.3: Estimated employment in arts and other culturally related occupations, 1986 Census

	Total number of persons	1996-97 prices		Ratio of mean to median	Total income (\$million)
		Median income	Mean income		
<b>A: Arts professionals</b>					
Artists and related professionals undefined	1,300	\$ 24,500	\$ 28,400	1.16	37
Painters, sculptors and related professionals	4,500	\$ 17,900	\$ 22,700	1.27	103
Potters (estimated)	1,400	\$ 16,300	\$ 19,100	1.17	27
Photographers	5,200	\$ 28,300	\$ 29,800	1.05	154
Designers and illustrators	13,400	\$ 29,300	\$ 32,100	1.10	431
Journalists	9,900	\$ 38,200	\$ 44,500	1.16	438
Authors and related professions	2,000	\$ 31,300	\$ 36,100	1.15	72
Film, television and stage directors	3,300	\$ 38,700	\$ 44,700	1.16	148
Musicians, composers and related professionals	6,100	\$ 23,700	\$ 26,500	1.12	161
Actors, dancers and related professionals *	2,800	\$ 21,800	\$ 26,300	1.21	73
Announcers	2,000	\$ 30,800	\$ 37,900	1.23	74
<b>Total arts professionals</b>	<b>51,900</b>	<b>\$ 28,800</b>	<b>\$ 33,200</b>	<b>1.15</b>	<b>1,719</b>
<b>B: Other cultural professionals</b>					
Architects (partly estimated)	9,100	\$ 45,000	\$ 53,500	1.19	488
Librarians	9,100	\$ 35,200	\$ 36,500	1.04	333
<b>Total employed labour force</b>	<b>6,513,000</b>	<b>\$ 26,500</b>	<b>\$ 30,600</b>	<b>1.15</b>	<b>190,724</b>
* Dancers and choreographers					
Actors and related professionals	700	\$ 20,400	\$ 23,600	1.16	16
	2,100	\$ 22,400	\$ 27,200	1.21	57

Table A2.4: Trend in estimated employment in arts and related occupations, 1986-96

	Number of persons				Annual change	
	1986	1991	1996	1986-91	1991-96	1986-96
<b>Arts professions</b>						
Artists and related professions undefined	1,300	2,800	3,600	16.6%	5.2%	10.7%
Visual artists, except potters	4,500	6,200	7,370	6.6%	3.5%	5.1%
Potters and ceramic artists	1,400	1,700	2,160	4.0%	4.9%	4.4%
Photographers	5,200	5,200	6,260	0.0%	3.8%	1.9%
Designers and illustrators	13,400	17,300	23,910	5.2%	6.7%	6.0%
Journalists and related professions	9,900	10,300	14,350	0.8%	6.9%	3.8%
Authors and related professions	2,000	2,900	3,180	7.7%	1.9%	4.7%
Film, TV, radio and stage directors	3,300	3,800	4,920	2.9%	5.3%	4.1%
Musicians and related professions	6,100	7,000	7,620	2.8%	1.7%	2.2%
Actors, dancers and related professions	2,800	3,100	4,110	2.1%	5.8%	3.9%
Media presenters	2,000	2,200	2,520	1.9%	2.8%	2.3%
<b>Total arts professions</b>	<b>51,900</b>	<b>62,500</b>	<b>80,000</b>	<b>3.8%</b>	<b>5.1%</b>	<b>4.4%</b>
<b>Other cultural professions</b>						
Architects	9,100	8,700	9,960	-0.9%	2.7%	0.9%
Private art teachers	NA	800	880		1.9%	
Private music teachers	NA	5,500	7,110		5.3%	
Private dance teachers	NA	1,800	2,760		8.9%	
Private drama teachers	NA	300	400		5.9%	
Media producers and artistic directors	NA	2,900	5,020		11.6%	
Librarians	9,100	10,500	9,570	2.9%	-1.8%	0.5%
<b>Total other cultural professions</b>	<b>NA</b>	<b>30,500</b>	<b>35,700</b>		<b>3.2%</b>	
<b>Total cultural professions</b>	<b>NA</b>	<b>93,000</b>	<b>115,700</b>		<b>4.5%</b>	

Table A2.5: Estimated median income in arts and related occupations, 1986-96 (1996-97 prices)

	Median income				Annual change	
	1986	1991	1996	1986-91	1991-96	1986-96
<b>Arts professions</b>						
Artists and related professions undefined	\$ 24,500	\$ 25,500	\$ 23,600	0.8%	-1.5%	-0.4%
Visual artists, except potters	\$ 18,000	\$ 17,300	\$ 15,300	-0.8%	-2.4%	-1.6%
Potters and ceramic artists	\$ 16,300	\$ 13,400	\$ 13,300	-3.8%	-0.1%	-2.0%
Photographers	\$ 28,300	\$ 25,000	\$ 22,800	-2.4%	-1.8%	-2.1%
Designers and illustrators	\$ 29,300	\$ 29,000	\$ 28,200	-0.2%	-0.6%	-0.4%
Journalists and related professions	\$ 38,200	\$ 35,600	\$ 37,300	-1.4%	0.9%	-0.2%
Authors and related professions	\$ 31,300	\$ 29,300	\$ 27,500	-1.3%	-1.3%	-1.3%
Film, TV, radio and stage directors	\$ 38,700	\$ 36,500	\$ 33,000	-1.2%	-2.0%	-1.6%
Musicians and related professions	\$ 23,700	\$ 21,700	\$ 20,500	-1.7%	-1.1%	-1.4%
Actors, dancers and related professions	\$ 21,800	\$ 20,500	\$ 19,400	-1.2%	-1.1%	-1.2%
Media presenters	\$ 30,800	\$ 28,500	\$ 28,000	-1.5%	-0.4%	-0.9%
<b>Total arts professions</b>	<b>\$ 28,800</b>	<b>\$ 27,400</b>	<b>\$ 26,900</b>	<b>-1.0%</b>	<b>-0.4%</b>	<b>-0.7%</b>
<b>Other cultural professions</b>						
Architects	\$ 45,000	\$ 42,500	\$ 38,800	-1.1%	-1.8%	-1.5%
Private art teachers	NA	\$ 13,100	\$ 13,000		-0.2%	
Private music teachers	NA	\$ 13,100	\$ 14,400		1.9%	
Private dance teachers	NA	\$ 12,800	\$ 13,500		1.1%	
Private drama teachers	NA	\$ 14,700	\$ 16,200		2.0%	
Media producers and artistic directors	NA	\$ 42,300	\$ 40,600		-0.8%	
Librarians	\$ 35,200	\$ 33,400	\$ 31,100	-1.0%	-1.4%	-1.2%
<b>Total other cultural professions</b>	<b>NA</b>	<b>\$ 31,700</b>	<b>\$ 29,100</b>		<b>-1.7%</b>	
<b>Total cultural professions</b>	<b>NA</b>	<b>\$ 28,600</b>	<b>\$ 27,500</b>		<b>-0.8%</b>	

Table A2.6: Estimated total income of arts and related occupations, 1986-96 (1996-97 prices)

	\$million at 1996-97 prices				Annual change	
	1986	1991	1996	1986-91	1991-96	1986-96
<b>Arts professions</b>						
Artists and related professions undefined	37	86	103	18.0%	3.7%	10.6%
Visual artists, except potters	106	149	136	7.1%	-1.8%	2.6%
Potters and ceramic artists	27	27	33	-0.2%	4.5%	2.1%
Photographers	154	142	169	-1.6%	3.6%	0.9%
Designers and illustrators	431	556	761	5.2%	6.5%	5.8%
Journalists and related professions	438	431	614	-0.3%	7.3%	3.4%
Authors and related professions	72	98	103	6.4%	1.1%	3.7%
Film, TV, radio and stage directors	148	163	202	2.0%	4.3%	3.2%
Musicians and related professions	161	179	192	2.1%	1.5%	1.8%
Actors, dancers and related professions	73	81	102	2.1%	4.7%	3.4%
Media presenters	74	78	88	1.0%	2.4%	1.7%
<b>Total arts professions</b>	<b>1,721</b>	<b>1,989</b>	<b>2,503</b>	<b>2.9%</b>	<b>4.7%</b>	<b>3.8%</b>
<b>Other cultural professions</b>						
Architects	488	446	447	-1.8%	0.1%	-0.9%
Private art teachers	NA	14	15		1.2%	
Private music teachers	NA	91	124		6.3%	
Private dance teachers	NA	28	44		9.3%	
Private drama teachers	NA	5	8		8.3%	
Media producers and artistic directors	NA	154	242		9.5%	
Librarians	333	354	328	1.2%	-1.5%	-0.1%
<b>Total other cultural professions</b>	<b>NA</b>	<b>1,093</b>	<b>1,209</b>		<b>2.0%</b>	
<b>Total cultural professions</b>	<b>NA</b>	<b>3,081</b>	<b>3,712</b>		<b>3.8%</b>	

Table A2.7: Industry of cultural occupations, 1996 Census

Industry Occupation	Newspaper, periodicals and book publishing				Film, radio and television services		Libraries and book publishing		Creative arts, music and theatre productions		Services to the arts including performing arts venues		Photo-graphic studios		All other industries defined cultural		Total industries defined cultural		Total occupation	
Artists and related professions undefined	586	474	6	948	34	40	45	2,133	1,470	3,603										
Visual artists, except potters and not specified	9	51	3	1,771	18	3	27	1,882	1,214	3,096										
Potters and not specified visual artists	29	87	-	282	26	5	10	439	5,982	6,421										
Photographers	727	60	28	25	9	3,839	48	4,736	1,527	6,263										
Designers and illustrators	1,309	756	21	489	88	27	194	2,884	21,034	23,918										
Journalists and related professions	7,347	2,048	12	928	22	27	47	10,431	3,928	14,359										
Authors and related professions	631	289	10	1,147	29	-	81	2,187	994	3,181										
Film, TV, radio and stage directors	9	3,567	3	260	190	31	23	4,083	834	4,917										
Musicians and related professions	21	226	-	3,849	251	-	38	4,385	3,222	7,607										
Actors, dancers and related professions	-	419	5	1,395	313	3	26	2,161	1,938	4,099										
Media presenters	-	1,492	3	214	44	-	9	1,762	761	2,523										
<b>Total arts professions</b>	<b>10,668</b>	<b>9,469</b>	<b>91</b>	<b>11,308</b>	<b>1,024</b>	<b>3,975</b>	<b>548</b>	<b>37,083</b>	<b>42,904</b>	<b>79,987</b>										
Architects	3	9	9	6	-	-	8	35	9,930	9,965										
Private art teachers	-	-	-	43	-	-	16	59	815	874										
Private music teachers	6	3	-	68	10	3	33	123	6,991	7,114										
Private dance teachers	-	-	-	27	19	-	3	49	2,713	2,762										
Private drama teachers	3	10	-	24	12	-	-	49	349	398										
Media producers and artistic directors	229	2,889	-	182	131	34	16	3,481	1,549	5,030										
Librarians	126	93	2,439	13	12	4	92	2,779	6,780	9,559										
<b>Total other cultural professions</b>	<b>367</b>	<b>3,004</b>	<b>2,448</b>	<b>363</b>	<b>184</b>	<b>41</b>	<b>168</b>	<b>6,575</b>	<b>29,127</b>	<b>35,702</b>										
<b>Total cultural occupations</b>	<b>11,147</b>	<b>18,052</b>	<b>6,530</b>	<b>12,267</b>	<b>2,508</b>	<b>4,429</b>	<b>3,248</b>	<b>58,181</b>	<b>98,549</b>	<b>156,730</b>										
All other occupations	30,348	19,370	7,198	4,317	4,801	2,742	29,583	98,359	7,381,219	7,479,578										
Total employed	41,495	37,422	13,728	16,584	7,309	7,171	32,831	156,540	7,479,768	7,636,308										

**Table A2.8: Industry of cultural occupations, 1996 Census, Proportion of total occupation**

Industry Occupation	Services to the arts including performing arts venues				Total industries defined cultural	All other industries defined cultural	Total industries defined cultural	All other industries defined cultural	Total occupation = 100%
	Newspaper, periodicals and book publishing	Film, radio and television services	Libraries	Creative arts, music and theatre productions					
Artists and related professions undefined	16.3%	13.2%	0.2%	26.3%	1.1%	1.2%	59.2%	40.8%	3,603
Visual artists, except potters and not specified	0.3%	1.6%	0.1%	57.2%	0.1%	0.9%	60.8%	39.2%	3,096
Potters and not specified visual artists	0.5%	1.4%		4.4%	0.1%	0.2%	6.8%	93.2%	6,421
Photographers	11.6%	1.0%	0.4%	0.4%	61.3%	0.8%	75.6%	24.4%	6,263
Designers and illustrators	5.5%	3.2%	0.1%	2.0%	0.4%	0.8%	12.1%	87.9%	23,918
Journalists and related professions	51.2%	14.3%	0.1%	6.5%	0.2%	0.3%	72.6%	27.4%	14,359
Authors and related professions	19.8%	9.1%	0.3%	36.1%	0.9%	2.5%	68.8%	31.2%	3,181
Film, TV, radio and stage directors	0.2%	72.5%	0.1%	5.3%	0.6%	0.5%	83.0%	17.0%	4,917
Musicians and related professions	0.3%	3.0%		50.6%	3.3%	0.5%	57.6%	42.4%	7,607
Actors, dancers and related professions		10.2%	0.1%	34.0%	7.6%	0.6%	52.7%	47.3%	4,099
Media presenters		59.1%	0.1%	8.5%	1.7%	0.4%	69.8%	30.2%	2,523
<b>Total arts professions</b>	<b>13.3%</b>	<b>11.8%</b>	<b>0.1%</b>	<b>14.1%</b>	<b>5.0%</b>	<b>0.7%</b>	<b>46.4%</b>	<b>53.6%</b>	<b>79,987</b>
Architects	0.0%	0.1%	0.1%	0.1%		0.1%	0.4%	99.6%	9,965
Private art teachers				4.9%		1.8%	6.8%	93.2%	874
Private music teachers	0.1%	0.0%		1.0%	0.0%	0.5%	1.7%	98.3%	7,114
Private dance teachers				1.0%		0.1%	1.8%	98.2%	2,762
Private drama teachers	0.8%	2.5%		6.0%		0.3%	12.3%	87.7%	398
Media producers and artistic directors	4.6%	57.4%		3.6%	0.7%	0.3%	69.2%	30.8%	5,030
Librarians	1.3%	1.0%	25.5%	0.1%	0.0%	1.0%	29.1%	70.9%	9,559
<b>Total other cultural professions</b>	<b>1.0%</b>	<b>8.4%</b>	<b>6.9%</b>	<b>1.0%</b>	<b>0.1%</b>	<b>0.5%</b>	<b>18.4%</b>	<b>81.6%</b>	<b>35,702</b>
<b>Other cultural occupations</b>	<b>0.3%</b>	<b>13.6%</b>	<b>9.7%</b>	<b>1.5%</b>	<b>1.0%</b>	<b>6.2%</b>	<b>35.4%</b>	<b>64.6%</b>	<b>41,041</b>
<b>Total cultural occupations</b>	<b>7.1%</b>	<b>11.5%</b>	<b>4.2%</b>	<b>7.8%</b>	<b>2.8%</b>	<b>2.1%</b>	<b>37.1%</b>	<b>62.9%</b>	<b>156,730</b>
All other occupations	0.4%	0.3%	0.1%	0.1%	0.0%	0.4%	1.3%	98.7%	7,479,578
Total employed	0.5%	0.5%	0.2%	0.2%	0.1%	0.4%	2.0%	98.0%	7,636,308

**Table A2.9: Industry of cultural occupations, 1996 Census, Proportion of total industry**

Industry Occupation	Services to the arts including performing arts venues				Total industries defined cultural	All other industries defined cultural	Total industries defined cultural	All other industries defined cultural	Total occupation = 100%
	Newspaper, periodicals and book publishing	Film, radio and television services	Libraries	Creative arts, music and theatre productions					
Artists and related professions undefined	1.4%	1.3%	0.0%	5.7%	0.6%	0.1%	1.4%	0.0%	0.0%
Visual artists, except potters and not specified	0.0%	0.1%	0.0%	10.7%	0.0%	0.1%	1.2%	0.0%	0.0%
Potters and not specified visual artists	0.1%	0.2%		1.7%	0.1%	0.0%	0.3%	0.1%	0.1%
Photographers	1.8%	0.2%	0.2%	0.2%	53.5%	0.1%	3.0%	0.0%	0.1%
Designers and illustrators	3.2%	2.0%	0.2%	2.9%	1.2%	0.6%	1.8%	0.3%	0.3%
Journalists and related professions	17.7%	5.5%	0.1%	5.6%	0.4%	0.1%	6.7%	0.1%	0.2%
Authors and related professions	1.5%	0.8%	0.1%	6.9%	0.4%	0.2%	1.4%	0.0%	0.0%
Film, TV, radio and stage directors	0.0%	9.5%	0.0%	1.6%	0.4%	0.1%	2.6%	0.0%	0.1%
Musicians and related professions	0.1%	0.6%		23.2%	3.4%	0.1%	2.8%	0.0%	0.1%
Actors, dancers and related professions		1.1%	0.0%	8.4%	0.0%	0.1%	1.4%	0.0%	0.1%
Media presenters		4.0%	0.0%	1.3%	0.6%	0.0%	1.1%	0.0%	0.0%
<b>Total arts professions</b>	<b>25.7%</b>	<b>25.3%</b>	<b>0.7%</b>	<b>68.2%</b>	<b>14.0%</b>	<b>1.7%</b>	<b>23.7%</b>	<b>0.6%</b>	<b>1.0%</b>
Architects	0.0%	0.0%	0.1%	0.0%		0.0%	0.0%	0.1%	0.1%
Private art teachers				0.3%		0.0%	0.0%	0.0%	0.0%
Private music teachers	0.0%	0.0%		0.4%	0.0%	0.1%	0.1%	0.1%	0.1%
Private dance teachers				0.2%		0.0%	0.0%	0.0%	0.0%
Private drama teachers	0.0%	0.0%		0.1%		0.0%	0.0%	0.0%	0.0%
Media producers and artistic directors	0.6%	7.7%		1.1%	0.5%	0.0%	2.2%	0.0%	0.1%
Librarians	0.3%	0.2%	17.8%	0.1%	0.1%	0.3%	1.8%	0.1%	0.1%
<b>Total other cultural professions</b>	<b>0.9%</b>	<b>8.0%</b>	<b>17.8%</b>	<b>2.2%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>4.2%</b>	<b>0.4%</b>	<b>0.5%</b>
<b>Other cultural occupations</b>	<b>0.3%</b>	<b>14.9%</b>	<b>29.1%</b>	<b>3.6%</b>	<b>5.8%</b>	<b>7.7%</b>	<b>9.3%</b>	<b>0.4%</b>	<b>0.5%</b>
<b>Total cultural occupations</b>	<b>26.9%</b>	<b>48.2%</b>	<b>47.6%</b>	<b>74.0%</b>	<b>34.3%</b>	<b>9.9%</b>	<b>37.2%</b>	<b>1.3%</b>	<b>2.1%</b>
All other occupations	73.1%	51.8%	52.4%	26.0%	65.7%	90.1%	62.8%	98.7%	97.9%
Total employed = 100%	41,495	37,422	13,728	16,584	7,309	32,831	156,540	7,479,768	7,636,308

Table A2.10: Ethnic origin of cultural workers, 1996 Census

	Australian-born		Overseas-born		All other	Total number = 100 %
	Indigenous (origin stated)	All other	English-speaking countries	Non-English-speaking countries		
Artists and related professions undefined	2.2%	69.1%	15.7%	11.9%	1.1%	3,603
Visual artists, except potters and not specified	5.0%	64.7%	15.8%	13.5%	1.0%	3,092
Potters and not specified visual artists	3.5%	64.0%	14.6%	16.9%	1.0%	6,423
Photographers	0.3%	71.0%	15.4%	12.4%	0.8%	6,259
Designers and illustrators	0.4%	70.3%	14.6%	13.9%	0.9%	23,913
Journalists and related professions	0.6%	74.3%	17.6%	6.9%	0.7%	14,353
Authors and related professions	0.7%	69.3%	22.3%	7.1%	0.8%	3,177
Film, TV, radio and stage directors	0.7%	74.9%	15.5%	8.2%	0.7%	4,921
Musicians and related professions	0.5%	73.0%	16.2%	9.4%	0.9%	7,612
Actors, dancers and related professions	2.4%	73.6%	15.3%	7.3%	1.4%	4,106
Media presenters	3.8%	77.1%	10.1%	7.8%	1.1%	2,524
<b>Total arts professionals</b>	<b>1.1%</b>	<b>71.2%</b>	<b>15.7%</b>	<b>11.1%</b>	<b>0.9%</b>	<b>79,983</b>
Architects	0.2%	69.2%	11.5%	18.6%	0.5%	9,961
Private art teachers	1.3%	72.8%	14.6%	10.1%	1.3%	879
Private music teachers	0.2%	78.7%	11.0%	9.1%	1.0%	7,113
Private dance teachers	0.7%	82.6%	10.3%	5.7%	0.8%	2,761
Private drama teachers	0.0%	79.3%	13.9%	6.0%	0.8%	397
Media producers and artistic directors	0.6%	73.4%	18.2%	7.3%	0.6%	5,022
Librarians	0.4%	74.2%	14.0%	10.9%	0.6%	9,566
<b>Total other cultural professionals</b>	<b>0.4%</b>	<b>74.3%</b>	<b>13.0%</b>	<b>11.7%</b>	<b>0.7%</b>	<b>35,699</b>
<b>Total cultural professionals</b>	<b>0.9%</b>	<b>72.1%</b>	<b>14.9%</b>	<b>11.3%</b>	<b>0.8%</b>	<b>115,682</b>
<b>Other cultural occupations</b>	<b>1.0%</b>	<b>76.5%</b>	<b>12.2%</b>	<b>9.5%</b>	<b>0.8%</b>	<b>41,048</b>
<b>Total cultural occupations</b>	<b>0.9%</b>	<b>73.3%</b>	<b>14.2%</b>	<b>10.8%</b>	<b>0.8%</b>	<b>156,730</b>
<b>Total employed workforce</b>	<b>1.0%</b>	<b>73.5%</b>	<b>11.1%</b>	<b>13.4%</b>	<b>1.0%</b>	<b>7,636,308</b>

Table A2.11: Other characteristics of cultural workers, 1996 Census

	Median age in years	Male ratio	Qualifications		Median weekly hours**
			Nominated subjects*	All subjects	
Artists and related professions undefined	39.3	46.9%	31.5%	66.7%	40.8
Visual artists, except potters and not specified	43.6	49.7%	31.5%	59.0%	37.9
Potters and not specified visual artists	41.6	45.6%	16.8%	49.0%	39.8
Photographers	36.8	70.4%	31.0%	54.2%	41.7
Designers and illustrators	33.4	50.9%	44.3%	73.3%	44.3
Journalists and related professions	36.3	53.6%	27.4%	61.9%	44.0
Authors and related professions	42.6	44.2%	27.0%	73.8%	39.8
Film, TV, radio and stage directors	36.4	72.0%	28.5%	54.2%	44.7
Musicians and related professions	35.7	72.3%	26.8%	50.4%	21.8
Actors, dancers and related professions	29.6	51.0%	20.1%	43.9%	25.8
Media presenters	32.1	77.8%	11.5%	36.8%	37.9
<b>Total arts professionals</b>	<b>36.0</b>	<b>56.2%</b>	<b>31.3%</b>	<b>61.0%</b>	<b>41.5</b>
Architects	41.3	83.2%	85.8%	94.5%	45.8
Private art teachers	44.9	26.1%	30.5%	74.1%	15.8
Private music teachers	39.7	29.8%	32.6%	66.6%	15.5
Private dance teachers	34.9	13.8%	17.9%	40.2%	17.2
Private drama teachers	41.3	21.2%	32.7%	78.1%	16.4
Media producers and artistic directors	36.1	59.9%	30.0%	58.4%	46.0
Librarians	42.7	18.0%	63.0%	88.0%	41.6
<b>Total other cultural professionals</b>	<b>40.4</b>	<b>44.4%</b>	<b>54.1%</b>	<b>77.2%</b>	<b>39.7</b>
<b>Total cultural professionals</b>	<b>37.4</b>	<b>52.5%</b>	<b>38.4%</b>	<b>66.0%</b>	<b>41.0</b>
<b>Other cultural occupations</b>	<b>37.2</b>	<b>49.0%</b>	<b>21.8%</b>	<b>57.2%</b>	<b>40.0</b>
<b>Total cultural occupations</b>	<b>37.4</b>	<b>51.6%</b>	<b>34.0%</b>	<b>63.7%</b>	<b>40.7</b>
<b>Total employed workforce</b>	<b>37.5</b>	<b>55.9%</b>	<b>2.2%</b>	<b>48.7%</b>	<b>42.6</b>

\* History, librarianship, literature, music, art and craft, photography, graphic design, fashion design, drama and dance, other visual and performing arts, communications, teacher librarianship, architecture and interior design.

\*\* Assumed maximum when calculating medians of 35 hours or more: 60 hours per week.



**Table A2.14: Work in selected cultural activities, by payment status and State/Territory, 1997**  
\*  
(Thousand persons)

	Paid		Unpaid		Total	of which						
	only	only	only	only		Australia	NSW	Vic	Qld	SA	WA	Tas
Writing	120.5	93.1	329.2	542.8	154.0	134.2	106.2	56.8	54.8	12.8	5.1	18.8
Music - live performer	9.6	50.7	148.6	208.9	55.3	49.5	42.6	23.0	23.4	6.4	1.4	7.1
Performing arts - performer	9.9	16.1	119.7	145.7	45.1	34.4	27.8	11.7	17.8	4.0	1.1	3.7
<i>Arts activities</i>												
Drawing	29.9	18.7	81.7	130.3	41.7	27.0	28.0	14.7	10.5	3.2	2.0	3.3
Painting	25.5	23.2	80.8	129.5	37.6	28.0	31.0	12.4	11.4	3.2	1.7	4.0
Sculpture	7.1	6.6	24.8	38.5	12.1	11.2	7.6	2.3	3.5	0.7	0.7	0.5
Photography	20.4	23.4	72.9	116.7	43.9	21.3	22.3	9.5	10.6	3.5	1.5	4.1
Print making	13.7	5.1	16.0	34.8	12.5	7.5	6.7	4.0	1.9	0.7	0.4	1.0
Electronic art	17.2	18.9	28.0	64.1	23.7	12.9	11.8	4.8	7.6	1.1	0.6	1.6
Other art	3.1	3.2	6.6	12.9	4.8	2.6	3.4	1.0	0.5	0.1	0.3	0.2
<i>Craft activities</i>												
Pottery/ceramics	11.7	11.6	45.1	68.4	20.4	18.0	14.8	6.3	6.0	0.9	0.9	1.1
Textiles	15.5	9.4	51.3	76.2	23.5	18.6	12.7	11.1	5.3	1.4	1.3	2.2
Jewellery	7.2	4.4	10.1	21.7	4.9	4.6	5.4	3.4	2.1	1.1	0.0	0.3
Furniture making/woodcrafts	24.8	19.5	44.2	88.5	21.8	17.9	15.8	15.6	10.6	3.6	1.3	1.8
Glass crafts	4.7	4.3	12.2	21.2	5.9	5.7	4.7	1.3	2.8	0.5	0.1	0.2
Other crafts	14.3	16.1	65.5	95.9	34.2	19.3	21.8	9.3	6.8	3.0	0.5	0.9
<i>Other activities</i>												
Design	96.3	65.4	78.4	240.1	80.5	62.9	41.8	18.4	22.3	5.1	1.6	7.5
Film production	13.7	5.0	20.1	38.8	11.5	9.1	6.4	3.8	6.1	1.0	0.6	0.4
Cinema/video	16.8	5.8	20.1	42.7	14.1	9.8	6.9	5.7	4.4	0.7	0.4	0.7
Radio	15.6	7.2	61.8	84.6	26.5	23.8	14.4	7.1	7.3	2.0	1.3	2.2
Television	30.2	6.2	20.4	56.8	22.3	9.8	10.7	3.1	5.5	1.6	1.3	2.4
Total population aged 15 years and over				<b>14,433.8</b>	4,910.9	3,624.0	2,629.4	1,177.5	1,385.1	369.4	102.7	234.7
Total involvements listed above	507.7	413.9	1,337.5	2,259.1	696.3	528.1	442.8	225.3	221.2	56.6	24.1	64.0
Total involvements covered by publication	763.1	589.0	2,422.9	3,775.0	1,166.1	905.7	717.6	374.6	363.1	101.8	35.8	110.3
Total persons involved	331.4	545.6	1,307.2	2,184.2	690.8	524.2	409.5	210.1	213.4	57.9	17.9	60.6

Note: Figures in italics are subject to sampling variability too high for most practical purposes (relative sampling errors greater than 25%)

\* The following activities from the survey were not listed separately: heritage organisations, museums, art galleries, publishing, libraries and archives, music and performing arts other than performers, teaching cultural activities, fete, festival and art/craft show organising, and arts organisations/agencies.

Source: ABS, *Work in Selected Cultural/Leisure Activities, March 1997* (Tables 5 and 6)

**Table A2.15: Work in selected cultural activities, proportion of total Australia, 1997**  
(Thousand persons)

	Paid		Unpaid		Total	of which							
	only	only	only	only		Australia	NSW	Vic	Qld	SA	WA	Tas	NT
Writing	22.2%	17.2%	60.6%	100.0%	100.0%	28.4%	24.7%	19.6%	10.5%	10.1%	2.4%	0.9%	3.5%
Music - live performer	4.6%	24.3%	71.1%	100.0%	100.0%	26.5%	23.7%	20.4%	11.0%	11.2%	3.1%	0.7%	3.4%
Performing arts - performer	6.8%	11.1%	82.2%	100.0%	100.0%	31.0%	23.6%	19.1%	8.0%	12.2%	2.7%	0.8%	2.5%
<i>Arts activities</i>													
Drawing	22.9%	14.4%	62.7%	100.0%	100.0%	32.0%	20.7%	21.5%	11.3%	8.1%	2.5%	1.5%	2.5%
Painting	19.7%	17.9%	62.4%	100.0%	100.0%	29.0%	21.6%	23.9%	9.6%	8.8%	2.5%	1.3%	3.1%
Sculpture	18.4%	17.1%	64.4%	100.0%	100.0%	31.4%	29.1%	19.7%	6.0%	9.1%	1.8%	1.8%	1.3%
Photography	17.5%	20.1%	62.5%	100.0%	100.0%	37.6%	18.3%	19.1%	8.1%	9.1%	3.0%	1.3%	3.5%
Print making	39.4%	14.7%	46.0%	100.0%	100.0%	35.9%	21.6%	19.3%	11.5%	5.5%	2.0%	1.1%	2.9%
Electronic art	26.8%	29.5%	43.7%	100.0%	100.0%	37.0%	20.1%	18.4%	7.5%	11.9%	1.7%	0.9%	2.5%
Other art	24.0%	24.8%	51.2%	100.0%	100.0%	37.2%	20.2%	26.4%	7.8%	3.9%	0.8%	2.3%	1.6%
<i>Craft activities</i>													
Pottery/ceramics	17.1%	17.0%	65.9%	100.0%	100.0%	29.8%	26.3%	21.6%	9.2%	8.8%	1.3%	1.3%	1.6%
Textiles	20.3%	12.3%	67.3%	100.0%	100.0%	30.8%	24.4%	16.7%	14.6%	7.0%	1.8%	1.7%	2.9%
Jewellery	33.2%	20.3%	46.5%	100.0%	100.0%	22.6%	21.2%	24.9%	15.7%	9.7%	5.1%	0.0%	1.4%
Furniture making/wood crafts	28.0%	22.0%	49.9%	100.0%	100.0%	24.6%	20.2%	17.9%	17.6%	12.0%	4.1%	1.5%	2.0%
Glass crafts	22.2%	20.3%	27.8%	100.0%	100.0%	27.8%	26.9%	22.2%	6.1%	13.2%	2.4%	0.5%	0.9%
Other crafts	14.9%	16.8%	68.3%	100.0%	100.0%	35.7%	20.1%	22.7%	9.7%	7.1%	3.1%	0.5%	0.9%
<i>Other activities</i>													
Design	40.1%	27.2%	32.7%	100.0%	100.0%	33.5%	26.2%	17.4%	7.7%	9.3%	2.1%	0.7%	3.1%
Film production	35.3%	12.9%	51.8%	100.0%	100.0%	29.6%	23.5%	16.5%	9.8%	15.7%	2.6%	1.5%	1.0%
Cinema/video	39.3%	13.6%	47.1%	100.0%	100.0%	33.0%	23.0%	16.2%	13.3%	10.3%	1.6%	0.9%	1.6%
Radio	18.4%	8.5%	73.0%	100.0%	100.0%	31.3%	28.1%	17.0%	8.4%	8.6%	2.4%	1.5%	2.6%
Television	53.2%	10.9%	35.9%	100.0%	100.0%	39.3%	17.3%	18.8%	5.5%	9.7%	2.8%	2.3%	4.2%
Total population aged 15 years and over				<b>100.0%</b>	<b>100.0%</b>	34.0%	25.1%	18.2%	8.2%	9.6%	2.6%	0.7%	1.6%
Total involvements listed above	22.5%	18.3%	59.2%	<b>100.0%</b>	<b>100.0%</b>	30.8%	23.4%	19.6%	10.0%	9.8%	2.5%	1.1%	2.8%
Total involvements covered by publication	20.2%	15.6%	64.2%	<b>100.0%</b>	<b>100.0%</b>	30.9%	24.0%	19.0%	9.9%	9.6%	2.7%	0.9%	2.9%
Total persons involved	15.2%	25.0%	59.8%	<b>100.0%</b>	<b>100.0%</b>	31.6%	24.0%	18.7%	9.6%	9.8%	2.7%	0.8%	2.8%

Note: Figures in italics are subject to sampling variability too high for most practical purposes (relative sampling errors greater than 25%)

\* The following activities from the survey were not listed separately: heritage organisations, museums, art galleries, publishing, libraries and archives, music and performing arts other than performers, teaching cultural activities, fete, festival and art/craft show organising, and arts organisations/agencies.

Source: ABS, *Work in Selected Cultural/Leisure Activities, March 1997* (Tables 5 and 6)

**Table A2.16: Work in selected cultural activities, no unpaid work (paid only), by State/Territory, 1997 \***

	<i>(Thousand persons)</i>								
	Total Australia	NSW	Vic	Qld	SA	WA	Tas	NT	ACT
Writing	<b>120.5</b>	35.9	29.4	21.6	14.0	11.2	2.5	0.9	5.0
Music - live performer	<b>9.6</b>	3.8	2.3	0.8	0.8	1.0	0.4	0.2	0.2
Performing arts - performer	<b>9.9</b>	5.0	2.1	0.7	0.4	1.2	0.2	0.4	0.0
<i>Arts activities</i>	<b>29.9</b>	10.5	4.0	7.5	3.0	2.9	0.6	0.3	1.1
Drawing	<b>25.5</b>	7.2	3.8	6.5	2.5	3.6	0.6	0.2	1.0
Painting	<b>7.1</b>	1.4	1.6	1.8	1.1	0.8	0.3	0.1	0.0
Sculpture	<b>20.4</b>	6.4	3.5	3.8	2.8	2.5	0.7	0.4	0.3
Photography	<b>13.7</b>	5.0	3.7	2.6	1.5	0.7	0.0	0.0	0.1
Print making	<b>17.2</b>	8.1	1.7	3.1	2.0	2.0	0.1	0.0	0.2
Electronic art	<b>3.1</b>	1.1	0.0	1.5	0.2	0.2	0.0	0.0	0.2
Other art	<b>11.9</b>	2.8	3.0	2.4	1.8	1.4	0.2	0.0	0.3
<i>Craft activities</i>	<b>15.5</b>	4.5	5.0	2.6	1.5	1.2	0.5	0.0	0.2
Pottery/ceramics	<b>7.2</b>	2.5	1.1	2.1	0.6	0.4	0.3	0.0	0.2
Textiles	<b>24.8</b>	6.7	5.7	5.1	3.8	2.2	0.6	0.1	0.6
Jewellery	<b>4.7</b>	0.8	2.0	0.8	0.2	0.6	0.1	0.0	0.1
Furniture making/wood crafts	<b>14.2</b>	4.9	1.5	4.9	1.2	0.9	0.4	0.1	0.3
Glass crafts	<b>96.3</b>	33.1	28.3	15.5	5.3	8.9	1.8	0.6	2.9
Other crafts	<b>13.7</b>	5.5	3.6	1.9	0.5	1.3	0.5	0.4	0.1
<i>Other activities</i>	<b>16.8</b>	5.6	4.8	1.5	2.0	2.1	0.2	0.2	0.3
Design	<b>15.6</b>	4.8	5.3	1.9	1.2	1.2	0.4	0.1	0.5
Film production	<b>30.2</b>	14.4	5.9	2.9	2.1	2.8	0.7	0.5	1.0
Cinema/video	<b>14,433.8</b>	4,910.9	3,624.0	2,629.4	1,177.5	1,385.1	369.4	102.7	234.7
Radio	<b>507.7</b>	170.0	118.3	91.5	48.5	49.1	11.1	4.5	14.6
Television	<b>763.1</b>	255.2	180.2	131.8	69.4	76.4	17.2	6.4	26.6
Total population aged 15 years and over									
Total involvements listed above									
Total involvements covered by survey									

Note: Figures in italics are subject to sampling variability too high for most practical purposes (relative sampling errors greater than 25%)

\* The following activities from the survey were not listed separately: heritage organisations, museums, art galleries, publishing, libraries and archives, music and performing arts other than performers, teaching cultural activities, fete, festival and art/craft show organising, and arts organisations/agencies.

Source: ABS, *Work in Selected Cultural/Leisure Activities, March 1997* (unpublished tables specially provided for this study)

**Table A2.17: Work in selected cultural activities, some payment received, by State/Territory, 1997\***

	<i>(Thousand persons)</i>								
	Total Australia	NSW	Vic	Qld	SA	WA	Tas	NT	ACT
Writing	<b>213.6</b>	64.5	49.8	39.6	21.8	21.7	4.9	2.1	9.2
Music - live performer	<b>60.2</b>	18.4	15.2	9.6	5.7	5.9	2.6	0.8	2.2
Performing arts - performer	<b>26.0</b>	9.5	6.4	4.4	1.2	3.4	0.4	0.5	0.3
<i>Arts activities</i>	<b>48.6</b>	15.9	8.7	10.6	5.7	4.6	1.1	0.6	1.4
Drawing	<b>48.6</b>	14.1	9.1	12.9	3.6	5.8	0.9	0.3	2.0
Painting	<b>13.7</b>	3.7	3.6	2.9	1.6	1.4	0.3	0.1	0.1
Sculpture	<b>43.8</b>	14.8	8.4	7.4	5.1	4.9	1.4	0.6	1.2
Photography	<b>18.8</b>	6.2	3.7	4.4	2.8	1.1	0.1	0.2	0.4
Print making	<b>36.2</b>	14.0	4.6	7.5	3.4	5.4	0.3	0.2	0.7
Electronic art	<b>6.3</b>	2.5	0.3	2.3	0.7	0.2	0.0	0.0	0.2
Other art	<b>23.5</b>	5.2	6.8	5.3	2.7	2.5	0.5	0.1	0.4
<i>Craft activities</i>	<b>24.9</b>	6.2	7.0	4.6	3.5	2.4	0.8	0.1	0.4
Pottery/ceramics	<b>11.5</b>	2.8	2.8	2.6	1.6	1.1	0.4	0.0	0.3
Textiles	<b>44.3</b>	12.7	8.7	8.0	6.8	4.5	1.8	0.6	1.1
Jewellery	<b>8.9</b>	2.3	2.3	1.9	0.5	1.4	0.4	0.0	0.1
Furniture making/wood crafts	<b>30.4</b>	10.5	5.7	7.8	2.9	1.7	1.3	0.1	0.3
Glass crafts	<b>161.7</b>	58.9	43.2	25.5	10.7	14.9	2.5	1.2	4.8
Other crafts	<b>18.7</b>	7.4	4.1	3.1	1.3	1.6	0.7	0.4	0.2
<i>Other activities</i>	<b>22.6</b>	8.3	5.8	2.3	2.7	2.5	0.2	0.4	0.4
Design	<b>22.8</b>	7.3	6.6	3.2	2.2	1.8	0.6	0.4	0.6
Film production	<b>36.3</b>	16.8	6.9	4.4	2.2	3.1	1.0	0.5	1.3
Cinema/video	<b>14,433.8</b>	4,910.9	3,624.0	2,629.4	1,177.5	1,385.1	369.4	102.7	234.7
Radio	<b>921.6</b>	302.0	209.7	170.3	88.7	91.9	22.2	9.2	27.6
Television	<b>1,352.1</b>	444.5	306.2	242.1	130.0	138.8	32.2	13.5	44.9
Total population aged 15 years and over									
Total involvements listed above									
Total involvements covered by survey									

\* The following activities from the survey were not listed separately: heritage organisations, museums, art galleries, publishing, libraries and archives, music and performing arts other than performers, teaching cultural activities, fete, festival and art/craft show organising, and arts organisations/agencies.

Tables A2.14, A2.16 and A2.17 can be used to derive number of persons receiving payment for some but not all work (A2.17 less A2.16), and persons receiving no payment (A2.14-A2.17).

Note: Figures in italics are subject to sampling variability too high for most practical purposes (relative sampling errors greater than 25%)

Source: ABS, *Work in Selected Cultural/Leisure Activities, March 1997* (unpublished tables specially provided for this study)

**Table A2.18: Work in selected cultural activities, 1993 and 1997**

	(Thousand persons)			
	Some payment received (a)		All involvements	
	1993	1997	1993	1997
Writing/publishing (b)	133.2	250.9	273.3	597.7
Music - live performer	55.9	60.3	198.6	208.8
Performing arts - performer	20.1	26.0	134.8	145.8
<i>Arts activities</i>				
Drawing	47.3	48.6	95.4	130.3
Painting	44.7	48.7	81.1	129.4
Sculpture	9.4	13.7	18.9	38.4
Photography	33.5	43.8	76.6	116.7
Print making	21.9	18.8	36.7	34.8
<i>Craft activities</i>				
Pottery/ceramics	19.4	23.5	31.2	68.6
Textiles	39.8	24.9	95.5	76.2
Jewellery	12.4	11.6	19.0	21.6
Furniture making/wood crafts	28.0	44.3	44.6	88.5
Glass crafts	4.3	9.0	7.4	21.2
Other art/craft activities (c)	23.7	72.3	51.5	169.7
<i>Other activities</i>				
Design (d)	56.5	161.7	86.8	240.1
Cinema or video/film production	37.4	39.4	82.4	77.4
Radio	15.8	22.8	65.4	84.6
Television	23.2	36.4	38.3	56.7
<b>Total involvements listed above</b>	<b>626.5</b>	<b>956.7</b>	<b>1,437.5</b>	<b>2,306.5</b>
Total persons involved in these activities (e)	na	678.2	na	na

General note (ABS): Caution should be exercised in making comparisons between the two surveys due to slight changes in methodology and questionnaire.

(a) Comprises people with paid involvement and people with both paid and unpaid involvement.

(b) Question relating to writing and publishing was separated and worded differently in 1997, possibly resulting in more people nominating writing. Including publishing in Table A2.18 increases total of 'some payment' by 37,000, which approximates the total difference compared with Table A2.14 (35,100).

(c) Electronic art, other art and craft activities were separately identified in the 1997 survey, but not in 1993 (all included in 'other crafts'; compare A2.14).

(d) Design of multimedia titles and architectural design were included in the 1997 survey, but not in 1993.

(e) Special ABS tabulation for Australia Council. Total persons involved in all these activities *except* publishing: 657,600.

Source: ABS, *Work in Selected Cultural/Leisure Activities, March 1997* (Catalogue No 6281.0), page 27

## appendix 3

### DATA ON INDIGENOUS ARTISTS

#### Distribution of Indigenous cultural workers

Following on from Appendix 2, the 1996 Census is further explored in Tables A3.1 and A3.2. The first table shows the number of *identified full-time* Indigenous artists in each occupation, while the second table shows the resulting percentage of Indigenous artists. The findings are summarised on page 61, with the important proviso that the Census underestimates the number of Indigenous artists, especially in the Northern Territory and other remote areas of Australia.

#### Spending by international visitors

Table A3.3 analyses the findings of the Australia Council's surveys of international visitor expenditure on Aboriginal art and souvenirs (see Chapter 5). These surveys formed a special part of the regular visitor surveys carried out by the Bureau of Tourism Research. The purpose was to distinguish 'art' from 'souvenirs', which meant making assumptions about the amount spent from the ranges obtained in the survey (top part of each table). Secondly, the 1993 and 1996 surveys established the proportion of tourists who bought either art, souvenirs or both.

This made it possible to estimate the distribution of total expenditure by overseas visitors through the year, subsequently scaled down to the *conservative* estimate of total spending contained in the Australia Council publications.

The 1990 survey did not establish separate distributions for art and souvenirs. These were inferred from the findings of the subsequent surveys, as explained in the notes attached to Table A3.3.

#### Australian art auction sales

The *Australian Art Sales Digest* (compiled by John Furphy) contains a full listing of all auction sales from 1988 to 1997 and identifies Aboriginal Australians. The remaining tables in this appendix were derived from this valuable source. The first table (A3.4) was taken from the printed version of the *Digest* and shows that our compilations, based on the Internet edition supplemented by the printed version, are in substantial agreement. The tables are described in Chapter 5.

Table A3.1: Number of Indigenous cultural workers, States and Territories, 1996 Census

	New South Wales		Victoria	Queens-land	South Australia	Western Australia	Tasmania	Northern Territory	ACT	Total Australia
	Wales				Australia	Australia		Territory		Australia
Artists and related professions undefined	29		9	11	4	15		10		78
Painters and sculptors	32		3	36	10	12		64		157
Potters and other crafts	52		6	69	35	20		41		223
Photographers	6			3		7	4			20
Designers and illustrators	34		7	12	3	7	6	3		72
Journalists and related professions	21		6	17	3	11	3	3	3	67
Authors and related professions	4		3	4		7				18
Film, TV, radio and stage directors	9		3	11	3	6		3		35
Musicians and related professions	19		7	7	3	11		4		44
Actors, dancers and related professions	34		6	37	3	16		5		98
Media presenters	5			46	3	17		27		98
<b>Total arts professionals</b>	<b>245</b>		<b>43</b>	<b>253</b>	<b>64</b>	<b>129</b>	<b>13</b>	<b>160</b>	<b>3</b>	<b>910</b>
Architects	7		3	6	3		3			22
Private arts teachers (total)	16		7	8		8	3			42
Media producers and artistic directors	17		3	6	3			4	3	36
Librarians	14		4	9		5		7		39
<b>Total other cultural professionals</b>	<b>54</b>		<b>17</b>	<b>29</b>	<b>6</b>	<b>13</b>	<b>6</b>	<b>11</b>	<b>3</b>	<b>139</b>
<b>Other cultural occupations</b>	<b>118</b>		<b>33</b>	<b>99</b>	<b>25</b>	<b>55</b>	<b>16</b>	<b>61</b>	<b>16</b>	<b>423</b>
<b>Total cultural occupations</b>	<b>417</b>		<b>93</b>	<b>381</b>	<b>95</b>	<b>197</b>	<b>35</b>	<b>232</b>	<b>22</b>	<b>1,472</b>

Note: Small figures are affected by the randomisation procedure applied by the ABS for confidentiality reasons

Table A3.2: Indigenous cultural workers, proportion of total occupation, States and Territories, 1996 Census

	New South Wales		Victoria	Queens-land	South Australia	Western Australia	Tasmania	Northern Territory	ACT	Total Australia
	Wales				Australia	Australia		Territory		Australia
Artists and related professions undefined	1.9%		1.0%	2.3%	1.9%	5.8%		25.0%		2.2%
Painters and sculptors	3.2%		0.4%	6.2%	4.2%	4.4%		74.4%		5.1%
Potters and other crafts	2.7%		0.3%	5.8%	6.7%	3.5%		51.9%		3.5%
Photographers	0.3%			0.3%		1.3%	3.0%			0.3%
Designers and illustrators	0.4%		0.1%	0.4%	0.2%	0.4%	2.0%	3.4%		0.3%
Journalists and related professions	0.3%		0.2%	0.9%	0.4%	1.0%	0.9%	2.8%	0.6%	0.5%
Authors and related professions	0.3%		0.3%	1.2%		4.7%				0.6%
Film, TV, radio and stage directors	0.4%		0.2%	1.9%	0.8%	1.8%		8.3%		0.7%
Musicians and related professions	0.6%			0.5%	0.6%	1.9%		6.9%		0.6%
Actors, dancers and related professions	2.3%		0.6%	4.2%		4.5%		19.2%		2.4%
Media presenters	0.6%			9.4%	1.4%	6.1%		36.5%		3.9%
<b>Total arts professionals</b>	<b>0.8%</b>		<b>0.2%</b>	<b>2.1%</b>	<b>1.2%</b>	<b>2.1%</b>	<b>0.8%</b>	<b>24.5%</b>	<b>0.2%</b>	<b>1.1%</b>
Architects	0.2%		0.1%	0.4%	0.5%		1.7%			0.2%
Private arts teachers (total)	0.4%		0.3%	0.4%		0.8%	1.1%			0.4%
Media producers and artistic directors	0.6%		0.3%	1.2%	1.1%			6.9%	5.0%	0.7%
Librarians	0.4%		0.2%	0.7%		0.5%		5.6%		0.4%
<b>Total other cultural professionals</b>	<b>0.4%</b>		<b>0.2%</b>	<b>0.5%</b>	<b>0.2%</b>	<b>0.4%</b>	<b>0.8%</b>	<b>3.6%</b>	<b>0.2%</b>	<b>0.4%</b>
<b>Other cultural occupations</b>	<b>0.9%</b>		<b>0.3%</b>	<b>1.5%</b>	<b>0.8%</b>	<b>1.2%</b>	<b>1.5%</b>	<b>9.4%</b>	<b>1.2%</b>	<b>1.0%</b>
<b>Total cultural occupations</b>	<b>0.7%</b>		<b>0.2%</b>	<b>1.6%</b>	<b>0.9%</b>	<b>1.4%</b>	<b>1.0%</b>	<b>14.4%</b>	<b>0.5%</b>	<b>0.9%</b>

Note: Some apparently high percentages are affected by randomisation procedure (mainly in smaller States and Territories)

**Table A3.3: Estimated international visitor spending on Aboriginal art, 1990-96**

1996 survey				1993 survey			
Amount spent	Distribution after reallocating NA	Contribution to average expenditure		Amount spent	Distribution after reallocating NA	Contribution to average expenditure	
Oct-Dec 1996	Assumed mean	Arts/crafts	Souvenirs	Feb-Mar 1993	Assumed mean	Arts/crafts	Souvenirs
Up to \$10	\$5	7%	13%	Up to \$10	\$5	14%	16%
\$11-\$50	\$30	45%	58%	\$11-\$50	\$30	49%	66%
\$51-\$100	\$75	27%	23%	\$51-\$100	\$75	21%	11%
\$101-\$200	\$150	14%	4%	\$101-\$200	\$150	9%	5%
\$201+	\$300	7%	2%	\$201+	\$300	7%	1%
Total		100%	100%	Total		100%	100%
<b>Total number purchasing Aboriginal arts and souvenir objects</b>				<b>Total number purchasing Aboriginal arts and souvenir objects</b>			
Bought either art or souvenirs			168,000	Bought either art or souvenirs			207,000
Bought both			213,000	Bought both			259,000
Total			381,000	Total			466,000
Total expenditure (\$million)		29.3	45.0	Total expenditure (\$million)		30.1	33.0
Scaled down to source estimate* (\$million)		26.5	40.7	Scaled down to source estimate* (\$million)		24.1	26.4
Estimated proportion		39%	61%	Estimated proportion		48%	52%
Of which paintings (\$million)		5.2		Of which paintings (\$million)		3.9	

\* Source estimate of \$67.0 million converted to 1996-97 values

\* Source estimate of \$46 million converted to 1996-97 values

**Table A3.3 concluded : Estimated international visitor spending on Aboriginal art, 1990-96**

1990 survey				Notes on sources and method			
Amount spent	Distribution after reallocating NA	Contribution to average expenditure					
February 1990	Assumed mean	Arts/crafts	Souvenirs				
Up to \$10	\$5	18%	20%	<b>1996 survey</b>			
\$11-\$50	\$30	47%	65%	Source: Jane Spring, <i>International Visitors and Aboriginal Arts 1996</i> , Australia Council 1998			
\$51-\$100	\$75	22%	10%	Top derived from Table 7, page 6; total number purchasing from distribution of 1,100,000 persons purchasing arts, souvenirs or both. Estimated expenditure mentioned in paper, \$67 million; paintings estimated to be bought by 20% of persons buying arts (Table 5). Of total international visitors in 1996 (3.6 million), 31% bought Aboriginal art or souvenirs. Implied average spending on art and souvenirs: \$60.00			
\$101+	\$240	13%	5%	<b>1993 survey</b>			
Total		100%	100%	Source: Jane Spring, <i>International Visitors and Aboriginal Arts 1993</i> , Australia Council 1993			
<b>Estimated number purchasing Aboriginal art or souvenirs*</b>				Top derived from Table 8, page 7; total number purchasing from distribution of 1,030,000 persons purchasing arts, souvenirs or both. Estimated expenditure mentioned in 1998 paper, \$46 million; paintings estimated to be bought by 16% of persons buying any Aboriginal artworks (Table 6). Of total international visitors in 1993 (2.8 million), 37% bought Aboriginal art or souvenirs. Implied average spending on art and souvenirs: \$48.75			
Bought either art or souvenirs			105,000	<b>1990 survey</b>			
Bought both			140,000	Source: Jane Spring, <i>International Visitors and Aboriginal Arts 1990</i> , Australia Council 1990 with further estimates from 1993 and 1996 surveys (the 1990 survey did not identify distribution between artworks and souvenirs).			
Total			245,000	Top derived from Table 3, page 3; total number purchasing from distribution of 700,000 persons purchasing arts, souvenirs or both. Estimated expenditure mentioned in 1998 paper, \$30 million; paintings estimated to be bought by 16% of persons buying arts (Table 3). Of total international visitors in 1990 (2.3 million), 30% bought Aboriginal art or souvenirs. Implied average spending on art and souvenirs: \$50.00			
Total expenditure (\$million)		15.4	23.8	The source estimates of total expenditure were all converted to 1997 values.			
Scaled down to source estimate (\$million)		13.7	21.2				
Estimated proportion		39%	61%				
Of which paintings (\$million)		2.2					

\* Based on 700,000 visitors buying any Aboriginal artefacts in 1990 (58,000x12)

**Table A3.4: Aboriginal art and total auction sales, 1988-97 (\$thousand, 1996-97 values)**

Calendar year	Aboriginal artists	Other Australian	All other	Total sales	Aboriginal artists	Our finding
1988	895	46,157	4,641	51,693	1.7%	873
1989	658	44,002	2,752	47,413	1.4%	717
1990	197	17,782	1,502	19,481	1.0%	203
1991	204	20,517	2,103	22,824	0.9%	201
1992	175	30,276	3,240	33,691	0.5%	176
1993	346	19,386	4,829	24,561	1.4%	347
1994	667	24,378	7,931	32,975	2.0%	662
1995	1,275	24,365	9,014	34,655	3.7%	1,318
1996	1,361	33,424	7,647	42,433	3.2%	1,367
1997	3,818	25,357	7,778	36,953	10.3%	3,807

Note: Our finding is based on the Internet version, supplemented by the printed source.

Source: John Furphy, Acorn Antiques, *Australian Art Sales Digest*, 1998 Edition, page 501

**Table A3.5: Growth and composition of auction sales of Aboriginal art**

	1: Number of works						2: Total value (\$000 at 1997 prices)					
	Water-colours	Oil paintings	Ceramics and sculptures	Prints and graphics	Other media and drawings	Total works	Water-colours	Oil paintings	Ceramics and sculptures	Prints and graphics	Other media and drawings	Total works
1988	130	16		1	3	150	808.0	21.3		17.5	26.4	873.1
1989	119	18			33	170	554.7	22.6			139.6	716.9
1990	68	25	1		13	107	153.8	33.9	1.3		14.3	203.3
1991	73	8		1	14	96	166.6	8.9		0.1	25.4	201.0
1992	40	8			5	53	151.4	3.8			20.5	175.7
1993	123	22	1	2	44	192	203.1	18.2	0.2	0.4	125.5	347.4
1994	140	14	16	4	227	401	153.0	9.8	11.8	1.0	486.2	661.8
1995	156	13	13	4	347	529	242.4	9.2	14.7		1,052.2	1,318.5
1996	126	16	3	4	402	551	196.2	50.0	2.7	0.2	1,117.3	1,366.5
1997	137	15	31	4	529	716	244.7	13.6	182.8	0.7	3,365.7	3,807.5

  

	3: Average value at 1997 prices					
	Water-colours	Oil paintings	Ceramics and sculptures	Prints and graphics	Other media and drawings	Total works
1988	\$ 6,215	\$ 1,330		\$ 17,467	\$ 8,796	\$ 5,821
1989	\$ 4,661	\$ 1,256			\$ 4,229	\$ 4,217
1990	\$ 2,262	\$ 1,357	\$ 1,281		\$ 1,099	\$ 1,900
1991	\$ 2,283	\$ 1,116		\$ 85	\$ 1,813	\$ 2,094
1992	\$ 3,786	\$ 476			\$ 4,093	\$ 3,315
1993	\$ 1,651	\$ 825	\$ 241	\$ 219	\$ 2,852	\$ 1,810
1994	\$ 1,093	\$ 703	\$ 735	\$ 246	\$ 2,142	\$ 1,650
1995	\$ 1,554	\$ 709	\$ 1,129		\$ 3,032	\$ 2,492
1996	\$ 1,557	\$ 3,127	\$ 913	\$ 57	\$ 2,779	\$ 2,480
1997	\$ 1,786	\$ 910	\$ 5,895	\$ 184	\$ 6,362	\$ 5,318

Source: *Australian Art Sales Digest*, 1998 Edition, Internet and printed versions

**Table A3.6: Distribution of sale prices at 1997 values**

		1: Number of sales									
Range from	to	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
\$ 100,001	\$ 250,000								1	1	3
\$ 50,001	\$ 100,000	2			1				4	9	6
\$ 25,001	\$ 50,000	6	4		5	6			25	21	22
\$ 10,001	\$ 25,000	27	21	6	6	5	7	12	41	39	59
\$ 5,001	\$ 10,000	16	20	6	7	6	23	16	44	37	84
\$ 2,501	\$ 5,000	4	13	5	5	1	24	36	105	91	105
\$ 1,001	\$ 2,500	4	17	15	5	1	36	74	105	91	120
\$ 501	\$ 1,000	34	41	35	17	9	96	96	85	117	88
\$ 251	\$ 500	34	39	28	41	15	97	97	111	129	124
Under	\$ 250	23	15	12	14	11	34	70	113	107	105
<b>Total sales</b>		<b>150</b>	<b>170</b>	<b>107</b>	<b>96</b>	<b>53</b>	<b>192</b>	<b>401</b>	<b>529</b>	<b>551</b>	<b>716</b>

Table continued next page

**Table A3.6 continued: Distribution of sale prices at 1997 values**

		2: Total value of sales (\$000)									
Range from	to	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
\$ 100,001	\$ 250,000										433.2
\$ 50,001	\$ 100,000	101.3							52.1	74.2	352.1
\$ 25,001	\$ 50,000	172.7	119.8		31.0				121.4	308.4	797.0
\$ 10,001	\$ 25,000	411.1	300.5	72.8	63.4	94.7	100.8	164.5	380.5	277.9	931.2
\$ 5,001	\$ 10,000	126.6	173.4	50.0	44.1	41.6	68.7	125.1	302.0	284.3	588.7
\$ 2,501	\$ 5,000	13.6	46.1	19.9	25.1	24.8	82.3	124.8	163.6	128.8	378.6
\$ 1,001	\$ 2,500	8.0	29.7	23.6	7.0	1.5	41.9	130.6	179.5	145.9	199.8
\$ 501	\$ 1,000	23.7	29.2	23.8	12.3	5.6	25.0	67.3	59.6	84.2	65.6
\$ 251	\$ 500	12.3	15.7	11.3	15.7	5.7	22.0	37.0	41.5	46.0	45.2
Under	\$ 250	3.8	2.5	2.0	2.4	1.8	6.7	12.4	18.3	16.7	16.2
<b>Total (\$000)</b>		<b>873.1</b>	<b>716.9</b>	<b>203.3</b>	<b>201.0</b>	<b>175.7</b>	<b>347.4</b>	<b>661.8</b>	<b>1,318.5</b>	<b>1,366.5</b>	<b>3,807.5</b>
		3: Averages, medians and quartiles									
Average	\$	5,821	4,217	1,900	2,094	3,315	1,810	1,650	2,492	2,480	5,318
Top quartile	\$	9,271	6,231	1,281	1,013	4,915	1,810	1,777	2,249	1,816	4,658
Median	\$	672	812	582	473	553	521	592	679	607	1,380
Bottom quartile	\$	336	437	412	310	332	329	332	284	289	385

Source: Australian Art Sales Digest, 1998 Edition, Internet and printed versions

Table A3.7: Main auction houses selling Aboriginal art, 1988-97 (1997 values)

	Number of sales	Market share	Value (\$'000)	Market share	Median value	Average value
Sotheby's	1,079	36%	6,384.7	66%	\$ 2,185	\$ 5,917
Leonard Joel	690	23%	1,115.0	12%	\$ 442	\$ 1,616
Christie's	160	5%	972.0	10%	\$ 3,523	\$ 6,075
Lawsons	598	20%	750.0	8%	\$ 529	\$ 1,254
All other	438	15%	450.0	5%	\$ 296	\$ 1,028
<b>Total</b>	<b>2,965</b>	<b>100%</b>	<b>9,671.8</b>	<b>100%</b>	<b>\$ 705</b>	<b>\$ 3,262</b>
of which located in:						
Sydney	1,033	35%	2,093.1	22%	\$ 592	\$ 2,026
Melbourne	1,799	61%	7,366.4	76%	\$ 883	\$ 4,095
Brisbane	16	1%	70.5	1%	\$ 759	\$ 4,406
Adelaide	24	1%	19.3	0%	\$ 121	\$ 804
Perth	59	2%	55.6	1%	\$ 369	\$ 943
Overseas	34	1%	67.0	1%	\$ 832	\$ 1,969
Total	2,965	100%	9,671.8	100%	\$ 705	\$ 3,262

Source: *Australian Art Sales Digest*, 1998 Edition, Internet and printed versions

Table A3.8: Top sale price each year for Aboriginal artworks (1997 values)

Year	Artist	Birth-death	Title	Type	Price	1997 values
1988	Albert Namatjira	1902-59	<i>Central Australian Ranges with Ghost Gums</i>	Watercolour	\$ 38,000	\$ 51,056
1989	Albert Namatjira	1902-59	<i>Heavy Tree Gap, Central Australia</i>	Watercolour	\$ 29,000	\$ 36,229
1990	Albert Namatjira	1902-59	<i>Waterhole Palm Valley Range (c. 1953)</i>	Watercolour	\$ 13,000	\$ 15,139
1991	Albert Namatjira	1902-59	<i>Heavy Tree Gap, Central Australia</i>	Watercolour	\$ 27,500	\$ 31,025
1992	Albert Namatjira	1902-59	<i>Australian Landscape with Ghost Gum</i>	Watercolour	\$ 18,700	\$ 20,891
1993	Albert Namatjira	1902-59	<i>Ghost Gum Central Australia</i>	Watercolour	\$ 22,000	\$ 24,140
1994	Uta Uta Tjangala	1926-90	<i>Big Corroboree with Water Dreaming Tjuringas</i>	Other*	\$ 18,400	\$ 19,814
1995	Clifford Possum Tjapaltjarri	1943-	<i>Love Story (1972)</i>	Other*	\$ 50,600	\$ 52,074
1996	Anatjari Tjakamarra	1930-92	<i>A Cave Dreaming (1972)</i>	Other*	\$ 74,000	\$ 74,216
1997	Johnny Warrungula Tjupurrula	1932-	<i>Water Dreaming at Kalipinypa (1972)</i>	Other*	\$ 206,000	\$ 206,000

\* Other: 1994: acrylic on board; 1995, 1996, 1997: synthetic polymer powder paint on board

Source: *Australian Art Sales Digest*, 1998 Edition, Internet and printed versions

Table A3.9: Top 25 sale prices for Aboriginal artworks, 1988-97 (1997 values)

Year	Artist	Birth-death	Title	Type	Price	1997 values
1997	Johnny Warrungula Tjupurrula	1932-	<i>Water Dreaming at Kalipinyba</i> (1972)*	Other	\$ 206,000	\$ 206,000
1997	Shorty Lungkarda Tjungurrayi	1920-87	Untitled (1972)	Other	\$ 123,500	\$ 123,500
1997	Shorty Lungkarda Tjungurrayi	1920-87	<i>Water Dreaming</i> (1972)	Other	\$ 103,700	\$ 103,700
1996	Anatjari Tjakamarra	1930-92	<i>A Cave Dreaming</i> (1972)	Other	\$ 74,000	\$ 74,216
1997	Rover Thomas Julama	1926-	<i>Milky Way - Warrurru</i>	Other	\$ 68,500	\$ 68,500
1997	Johnny Warrungula Tjupurrula	1932-	<i>Water Dreaming at Kalipinyba</i> (1972)*	Other	\$ 67,400	\$ 67,400
1997	Clifford Possum Tjapaltjarri	1943-	<i>Busb Fire Dreaming</i> (1972)	Other	\$ 58,600	\$ 58,600
1997	Anatjari Tjakamarra	1930-92	<i>Busb Tucker Story</i> (1971-72)	Other	\$ 55,200	\$ 55,200
1995	Clifford Possum Tjapaltjarri	1943-	<i>Love Story</i> (1972)	Other	\$ 50,600	\$ 52,074
1997	Emily Kame Kngwarreye	1910-96	<i>Arlahye IV</i> (1991)	Other	\$ 51,750	\$ 51,750
1988	Albert Namatjira	1902-59	<i>Central Australian Ranges with Ghost Gums</i>	Watercolour	\$ 38,000	\$ 51,056
1997	Emily Kame Kngwarreye	1910-96	<i>Alagura - My Country</i> (1990)	Other	\$ 50,600	\$ 50,600
1988	Albert Namatjira	1902-59	<i>White Gums Central Australia</i>	Watercolour	\$ 37,400	\$ 50,250
1996	Old Mick Wallankarri Tjakamarra	1914-	Untitled (1971)	Other	\$ 48,300	\$ 48,441
1997	Alec Mingelanganu	?-1981	<i>Wandjina</i> (1980)	Other	\$ 48,300	\$ 48,300
1997	Mick Namerari Tjapaltjarri	1926-	<i>Yam Story</i> (1972)	Other	\$ 48,300	\$ 48,300
1997	Yumpululu Tjungurrayi	1925-	<i>Cave Story</i> (1972)	Other	\$ 48,300	\$ 48,300
1997	Emily Kame Kngwarreye	1910-96	<i>My Country</i> (1993)	Other	\$ 46,000	\$ 46,000
1997	John Tjakamarra	1930-	<i>Travels of Tingari Ancestors</i> (1972)	Other	\$ 46,000	\$ 46,000
1997	Uta Uta Tjangala	1926-90	<i>Medicine Story</i> (1971)	Other	\$ 46,000	\$ 46,000
1997	Shorty Lungkarda Tjungurrayi	1920-87	<i>Women's Dreaming</i> (1971)	Other	\$ 40,250	\$ 40,368
1996	Mick Namerari Tjapaltjarri	1926-	<i>Busb Tucker Story</i> (1971-72)	Other	\$ 40,250	\$ 40,250
1997	Anatjari Tjakamarra	1930-92	<i>Untitled Tingari Painting</i> (1971-72)	Other	\$ 40,250	\$ 40,250
1996	Clifford Possum Tjapaltjarri	1943-	<i>Legends of the Western Desert</i> (1977)	Oil painting	\$ 39,600	\$ 39,716
1997	Yala Yala Gibbs Tjungurrayi	1928-	<i>Wind Story</i> (1972-73)	Other	\$ 39,100	\$ 39,100

\* Two works with the same title both painted in 1972 sold at the same auction (Sotheby's Melbourne, 30/6/97).

Source: *Australian Art Sales Digest*, 1998 Edition, Internet and printed versions

## appendix 4

### PUBLIC CULTURAL FUNDING

The previous examination of long-term growth in public arts support in Australia (*Artburst!*) used four sources to establish a time series in the type of funding that fell within the Australia Council's domain. Identifying six such areas of funding, the findings are summarised in constant 1996-97 prices in Table A4.1. The table also shows the respective contributions of Federal, State and local governments.

Table A4.1: 'Core' arts public funding figures, 1968-69 to 1988-89 \$million at 1996-97 prices

	1968-69	1973-74	1982-83	1988-89
Aboriginal arts		3.9	6.6	15.1
Literature	0.7	10.3	7.4	9.4
Theatre, dance	13.1	35.5	38.1	60.7
Music	7.6	52.7	33.5	29.7
Visual arts and crafts	6.9	25.6	16.0	24.8
Community arts	1.4	7.9	18.8	28.1
<b>Total arts</b>	<b>29.7</b>	<b>136.0</b>	<b>120.4</b>	<b>167.8</b>
<b>Government level funding</b>				
Federal	11.7	67.5	57.1	86.0
State	17.9	63.5	54.1	61.3
Local		4.9	9.2	20.6

Note: Table excludes capital expenditure, which is a small component of 'core' arts

Source: See *Artburst!* (page 97)

*Artburst!* noted that the role of local government had increased rapidly with an increasing emphasis on visual and community arts. The traditional cultural focus of local government, however, is the local public library. Table A4.2 shows that local government authorities have continued to increase their contribution, though at a declining rate in recent years.

Since 1991, the Australian Bureau of Statistics has processed the statistics of public funding in much the same form as the Australia Council's publication on funding

statistics for 1988-89. The classification was developed for the National Culture/Leisure Industry Statistical Framework. As a result, we now have a comprehensive record as shown in Tables A4.3 to A4.8. Chapter 4 highlights the results.

**Table A4.2: Public funding of libraries, 1969-97**

\$million at 1996-97 prices				
Fiscal year	Federal	State	Local	Total
1969	4.9	12.8	16.4	34.0
1973	14.4	32.7	27.5	74.6
1983	32.5	123.6	205.5	361.7
1989	43.2	199.4	233.2	475.8
1992	69.3	198.1	276.1	543.5
1993	70.6	189.3	292.0	551.8
1994	78.5	206.9	295.0	580.4
1995	69.2	228.5	298.1	595.8
1996	75.7	222.6	300.6	598.9
1997	55.4	225.8	415.6	696.8

Note: Local government funding 1993-94 is estimated.

Source: Up to 1988-89: See *Arburst!* (page 97)  
Since 1991-92: Australian Bureau of Statistics

In addition to 'core' services and broadcasting and film, we have grouped libraries, museums, art galleries, performing arts venues and cultural centres, and other cultural heritage. This leaves a residual group consisting of recreational facilities and services, and cultural administration. We refer to the tables for detail. They show Federal, State and local government separately, as well as separate tables for the arts authorities at Federal and State level. The Australia Council Table A4.5 indicates clearly that 'core' support for the arts is indeed made up of the items defined for this publication as 'core' arts funding categories.

The classifications have remained reasonably consistent over the past several years. Notes below the tables identify two statistical issues: local government having to be estimated for 1993-94, and Aboriginal cultural activities being absorbed into the artforms to which they belong from 1993-94. Neither is a really big concern. The availability of this new source of comprehensive funding statistics is another major outcome of the cooperation through the Cultural Ministers Council, which deserves to be recorded in this report.

The Statistical Framework uses the main headings of recreational facilities and services, cultural facilities and services, broadcasting and film, and recreation and leisure not elsewhere classified. The tables that follow use a revised classification to highlight the 'core' funding, which is the Australia Council's domain. Only the classification of broadcasting and film has been left intact.

**Table A4.3: Total cultural funding in Australia since 1988-89 (\$million at 1996-97 prices)**

Category	1988-89	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
Literature and publishing	9.9	16.4	15.4	14.6	14.3	15.7	14.6
Visual arts, crafts and photography	24.9	23.9	22.1	26.9	27.3	31.3	28.7
Music (excluding opera)	22.0	31.2	26.9	26.7	30.6	34.0	40.2
Other performing arts	64.7	70.9	77.6	78.5	80.3	89.3	89.9
Aboriginal and TSI cultural activities	23.2	37.2	36.3				
Community cultural activities	56.9	42.9	40.4	47.0	53.3	58.2	51.1
<b>Total core arts funding</b>	<b>201.7</b>	<b>222.6</b>	<b>218.6</b>	<b>193.7</b>	<b>205.8</b>	<b>228.4</b>	<b>224.5</b>
Radio and TV broadcasting	767.5	806.2	793.1	830.1	786.9	819.3	777.9
Film and video production	141.3	114.6	111.7	105.9	107.2	108.7	127.2
Multimedia					50.8	1.8	6.0
<b>Total broadcasting and film production</b>	<b>908.8</b>	<b>920.8</b>	<b>904.8</b>	<b>936.0</b>	<b>944.9</b>	<b>929.9</b>	<b>911.1</b>
Libraries and archives	475.8	543.5	551.8	580.4	595.8	598.9	696.8
Museums	121.4	159.8	157.1	162.3	177.4	179.6	216.8
Art galleries	84.8	101.1	80.5	92.6	114.7	112.1	122.9
Performing arts venues and arts centres	103.6	91.1	99.4	128.6	143.8	130.2	188.2
Other cultural heritage	113.1	134.1	138.8	148.8	145.6	178.3	170.1
<b>Total physical cultural facilities</b>	<b>898.8</b>	<b>1,029.7</b>	<b>1,027.5</b>	<b>1,112.6</b>	<b>1,177.3</b>	<b>1,198.9</b>	<b>1,394.8</b>
Public halls, civic centres	31.7	108.9	95.0	138.0	179.9	187.0	179.4
National parks and wildlife services	285.0	368.5	423.1	507.6	598.9	600.6	643.0
Administration of culture	59.5	48.1	49.5	57.2	58.4	67.6	64.2
Other culture	5.3	9.7	9.7	16.5	28.7	36.9	30.6
<b>Total other</b>	<b>381.5</b>	<b>535.1</b>	<b>577.3</b>	<b>719.3</b>	<b>865.9</b>	<b>892.1</b>	<b>917.2</b>
<b>Grandtotal</b>	<b>2,390.9</b>	<b>2,708.3</b>	<b>2,728.3</b>	<b>2,961.6</b>	<b>3,193.9</b>	<b>3,249.3</b>	<b>3,447.6</b>

Note: Aboriginal and TSI cultural activities from 1993-94 distributed among mainstream artforms. In 1994-95, these activities amounted to about \$34.5 million.  
Source: 1998-89: H H Goldberg, *Cultural Funding in Australia* (Australia Council 1991). Subsequent years: Australian Bureau of Statistics

Table A4.4: Federal cultural funding since 1988-89 (\$million at 1996-97 prices)

Category	1988-89	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
Literature and publishing	7.7	11.2	9.8	10.4	10.3	11.6	10.2
Visual arts, crafts and photography	7.9	9.7	10.6	15.0	15.0	19.8	15.8
Music (excluding opera)	11.0	17.7	13.2	13.6	17.6	20.1	20.5
Other performing arts	28.9	27.8	30.4	34.9	39.8	40.8	37.9
Aboriginal and TSI cultural activities	17.2	26.8	26.2				
Community cultural activities	33.7	34.5	30.9	30.8	34.1	34.6	24.4
<b>Total core arts funding</b>	<b>106.4</b>	<b>127.7</b>	<b>121.2</b>	<b>104.7</b>	<b>116.7</b>	<b>126.9</b>	<b>108.8</b>
Radio and TV broadcasting	763.9	802.0	790.5	829.3	786.2	818.6	776.9
Film and video production	124.2	99.5	91.2	86.7	83.9	78.5	91.9
Multimedia					50.8	1.8	5.5
<b>Total broadcasting and film production</b>	<b>888.1</b>	<b>901.4</b>	<b>881.7</b>	<b>916.0</b>	<b>920.9</b>	<b>898.9</b>	<b>874.3</b>
Libraries and archives	43.2	69.3	70.6	78.5	69.2	75.7	55.4
Museums	16.5	44.5	45.4	50.4	47.2	50.3	54.5
Art galleries	21.1	26.3	20.8	20.8	20.6	25.1	20.0
Performing arts venues and arts centres							
Other cultural heritage	34.5	43.1	30.9	38.1	29.2	59.7	38.7
<b>Total physical cultural facilities</b>	<b>115.3</b>	<b>183.3</b>	<b>167.8</b>	<b>187.8</b>	<b>166.2</b>	<b>210.8</b>	<b>168.6</b>
Public halls, civic centres							
National parks and wildlife services	55.5	91.5	109.0	98.8	105.2	107.1	97.9
Administration of culture	32.7	20.6	20.4	24.0	20.7	29.4	22.1
Other culture	0.4	2.0	2.6	9.0	20.3	22.5	16.7
<b>Total other</b>	<b>88.5</b>	<b>114.1</b>	<b>132.0</b>	<b>131.8</b>	<b>146.2</b>	<b>158.9</b>	<b>136.7</b>
<b>Grandtotal</b>	<b>1,198.3</b>	<b>1,326.5</b>	<b>1,302.7</b>	<b>1,340.3</b>	<b>1,350.0</b>	<b>1,395.6</b>	<b>1,288.4</b>

Source: See Table A4.3

Table A4.5: Australia Council funding since 1988-89 (\$million at 1996-97 prices)

Category	1988-89	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
Literature and publishing	4.6	5.0	5.0	5.7	5.1	6.2	5.1
Visual arts, crafts and photography	7.1	8.2	8.5	8.8	8.8	9.8	8.3
Music (excluding opera)	10.8	11.8	5.4	6.2	6.3	9.1	8.6
Other performing arts	26.5	19.6	21.6	22.0	24.6	25.5	21.8
Aboriginal and TSI cultural activities	3.5	4.5	4.6				
Community cultural activities	5.9	7.0	6.1	6.5	7.7	7.3	6.6
<b>Total core arts funding</b>	<b>58.5</b>	<b>56.0</b>	<b>51.2</b>	<b>49.2</b>	<b>52.5</b>	<b>57.9</b>	<b>50.4</b>
Radio and TV broadcasting	0.1						0.1
Film and video production							0.3
Multimedia							
<b>Total broadcasting and film production</b>	<b>0.1</b>						<b>0.4</b>
Libraries and archives		0.1					
Museums							0.1
Art galleries							0.1
Performing arts venues and arts centres							
Other cultural heritage							
<b>Total physical cultural facilities</b>		<b>0.1</b>					<b>0.2</b>
Public halls, civic centres							
National parks and wildlife services							
Administration of culture	9.9	NA	NA	NA	10.6	9.9	10.9
Other culture	0.4	2.0	2.6	3.1	2.9	6.7	8.4
<b>Total other</b>	<b>10.3</b>	<b>2.0</b>	<b>2.6</b>	<b>3.1</b>	<b>13.5</b>	<b>16.6</b>	<b>19.3</b>
<b>Grandtotal</b>	<b>68.9</b>	<b>58.0</b>	<b>53.8</b>	<b>52.3</b>	<b>66.0</b>	<b>74.4</b>	<b>70.3</b>

Note: Administration of culture 1991-92 to 1993-94 not separately available from source

Source: See Table A4.3. Australia Council funding is also part of Table A4.4

Table A4.6: State government cultural funding since 1988-89 (\$million at 1996-97 prices)

Category	1988-89	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
Literature and publishing	1.5	3.8	4.0	3.0	3.2	3.5	3.5
Visual arts, crafts and photography	9.7	12.1	9.0	9.7	10.3	9.4	9.9
Music (excluding opera)	9.0	10.6	10.4	10.2	10.5	10.9	16.2
Other performing arts	34.4	37.2	40.3	38.4	36.9	44.6	45.6
Aboriginal and TSI cultural activities	5.4	10.2	9.8				
Community cultural activities	14.4	5.8	6.7	10.3	10.3	13.2	13.9
<b>Total core arts funding</b>	<b>74.3</b>	<b>79.7</b>	<b>80.1</b>	<b>71.6</b>	<b>71.2</b>	<b>81.6</b>	<b>89.1</b>
Radio and TV broadcasting	3.6	4.0	2.3	0.3	0.2	0.2	0.2
Film and video production	16.5	15.0	20.4	19.1	23.1	30.1	35.2
Multimedia							0.5
<b>Total broadcasting and film production</b>	<b>20.1</b>	<b>19.1</b>	<b>22.7</b>	<b>19.5</b>	<b>23.3</b>	<b>30.3</b>	<b>35.9</b>
Libraries and archives	199.4	198.1	189.3	206.9	228.5	222.6	225.8
Museums	97.7	110.6	105.9	104.9	122.0	121.8	151.3
Art galleries	50.9	60.4	46.6	56.2	76.1	69.9	63.7
Performing arts venues and arts centres	81.1	63.8	63.7	79.2	80.8	89.8	129.0
Other cultural heritage	66.4	65.6	80.9	89.0	100.0	101.9	106.6
<b>Total physical cultural facilities</b>	<b>495.5</b>	<b>498.6</b>	<b>486.4</b>	<b>536.3</b>	<b>607.4</b>	<b>606.0</b>	<b>676.4</b>
Public halls, civic centres	3.9	0.8	0.2	0.7	0.1	1.5	
National parks and wildlife services	228.2	276.8	314.1	408.0	492.0	491.6	542.9
Administration of culture	23.4	21.9	23.1	21.8	21.0	20.4	18.8
Other culture	1.6	1.7	1.5	1.2	1.4	6.9	5.4
<b>Total other</b>	<b>257.1</b>	<b>301.2</b>	<b>338.9</b>	<b>431.7</b>	<b>514.5</b>	<b>520.5</b>	<b>567.1</b>
<b>Grand total</b>	<b>847.0</b>	<b>898.5</b>	<b>928.2</b>	<b>1,059.0</b>	<b>1,216.4</b>	<b>1,238.3</b>	<b>1,368.5</b>

Source: See Table A4.3

Table A4.7: Funding by State arts authorities since 1988-89 (\$million at 1996-97 prices)

Category	1988-89	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
Literature and publishing	1.5	2.7	2.8	2.9	3.1	3.5	3.3
Visual arts, crafts and photography	9.6	9.6	8.3	9.6	10.0	9.3	9.2
Music (excluding opera)	8.8	10.5	9.6	10.0	10.2	10.7	15.1
Other performing arts	32.4	35.3	37.9	37.4	36.1	43.6	43.1
Aboriginal and TSI cultural activities	0.6	1.2	1.5				
Community cultural activities	9.4	5.0	6.1	7.4	7.5	7.8	7.8
<b>Total core arts funding</b>	<b>62.4</b>	<b>64.2</b>	<b>66.2</b>	<b>67.3</b>	<b>67.0</b>	<b>74.8</b>	<b>78.5</b>
Radio and TV broadcasting	0.4	0.9		0.3	0.2	0.1	0.2
Film and video production	13.3	12.3	17.0	17.8	21.9	20.6	22.3
Multimedia							0.5
<b>Total broadcasting and film production</b>	<b>13.7</b>	<b>13.2</b>	<b>17.0</b>	<b>18.1</b>	<b>22.1</b>	<b>20.7</b>	<b>23.0</b>
Libraries and archives	113.5	157.6	155.6	153.7	177.5	144.2	154.8
Museums	66.9	95.3	94.0	90.6	104.4	101.7	130.5
Art galleries	36.4	47.8	47.2	43.7	66.0	59.0	54.8
Performing arts venues and arts centres	60.6	59.9	59.1	74.0	78.2	87.1	125.7
Other cultural heritage	5.2	9.3	9.1	11.5	16.2	13.7	15.8
<b>Total physical cultural facilities</b>	<b>282.7</b>	<b>369.8</b>	<b>364.9</b>	<b>373.5</b>	<b>442.3</b>	<b>405.7</b>	<b>481.6</b>
Public halls, civic centres	0.7		0.1	0.7	0.1	1.5	
National parks and wildlife services	0.1		0.1		0.1		
Administration of culture	20.6	NA	NA	NA	21.0	20.4	18.8
Other culture	0.4	1.5	1.4	0.9	1.2	6.7	5.2
<b>Total other</b>	<b>21.8</b>	<b>1.5</b>	<b>1.5</b>	<b>1.6</b>	<b>22.4</b>	<b>28.7</b>	<b>24.0</b>
<b>Grand total</b>	<b>380.5</b>	<b>448.7</b>	<b>449.7</b>	<b>460.5</b>	<b>553.8</b>	<b>530.0</b>	<b>607.1</b>

Note: Administration of culture 1991-92 to 1993-94 not separately available from source

Source: See Table A4.3, State arts authority funding is also part of Table A4.6

**Table A4.8: Local government cultural funding since 1988-89 (\$million at 1996-97 prices)**

Category	1988-89	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
Literature and publishing	0.7	1.4	1.6	1.2	0.8	0.6	0.9
Visual arts, crafts and photography	7.4	2.2	2.5	2.3	2.1	2.1	3.0
Music (excluding opera)	2.1	2.9	3.2	2.9	2.5	2.9	3.5
Other performing arts	1.3	5.9	6.9	5.2	3.6	3.9	6.4
Aboriginal and TSI cultural activities	0.6	0.2	0.3				
Community cultural activities	8.8	2.6	2.8	5.8	8.9	10.4	12.8
<b>Total core arts funding</b>	<b>20.9</b>	<b>15.2</b>	<b>17.3</b>	<b>17.4</b>	<b>17.9</b>	<b>19.9</b>	<b>26.6</b>
Radio and TV broadcasting		0.2	0.3	0.4	0.5	0.5	0.8
Film and video production	0.6	0.1	0.1	0.1	0.1	0.1	0.1
Multimedia							
<b>Total broadcasting and film production</b>	<b>0.6</b>	<b>0.3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.6</b>	<b>0.6</b>	<b>0.9</b>
Libraries and archives	233.2	276.1	292.0	295.0	298.1	300.6	415.6
Museums	7.3	4.7	5.7	6.9	8.2	7.4	11.0
Art galleries	12.8	14.4	13.0	15.5	18.0	17.1	39.2
Performing arts venues and arts centres	22.5	27.3	35.7	49.3	63.0	40.4	59.2
Other cultural heritage	12.2	25.4	27.0	21.7	16.4	16.7	24.8
<b>Total physical cultural facilities</b>	<b>288.1</b>	<b>347.8</b>	<b>373.3</b>	<b>388.5</b>	<b>403.7</b>	<b>382.2</b>	<b>549.8</b>
Public halls, civic centres	27.8	108.1	94.7	137.3	179.8	185.5	179.4
National parks and wildlife services	1.3	0.1		0.9	1.8	1.9	2.2
Administration of culture	3.4	5.7	6.0	11.3	16.6	17.8	23.3
Other culture	3.4	6.0	5.6	6.3	7.0	7.5	8.5
<b>Total other</b>	<b>36.0</b>	<b>119.9</b>	<b>106.4</b>	<b>155.8</b>	<b>205.3</b>	<b>212.7</b>	<b>213.4</b>
<b>Grand total</b>	<b>345.6</b>	<b>483.2</b>	<b>497.4</b>	<b>562.3</b>	<b>627.5</b>	<b>615.4</b>	<b>790.7</b>

Note: Local government expenditure estimated for 1993-94 as average between the neighbouring years at constant prices

Source: See Table A4.3

## appendix 5

### OTHER INDICATORS OF ARTS SECTOR DEVELOPMENT

Tables A5.1 to A5.3 relate to Chapter 4: 'Value of arts sector'. They show the essential available data for input-output 'commodity' statistics and household expenditure, respectively.

The rest of the tables in Appendix 5 relate to other indicators described in Chapter 6. Table A5.4 shows four key years, ten years apart, from our new survey of cultural centres. The table relates to all Australian cultural centres listed as members of APACA (the Australasian Performing Arts Centres Association) in its 1998 *Member & Venue Directory*. The one exception is a centre running a 400-seat venue, for which the management twice said it was unable to state year of establishment.

Tables A5.5 to A5.7 show statistics of visual and performing arts students. Since 1977, university statistics have been compiled by the Department of Employment, Education, Training and Youth Affairs (DEETYA, formerly DEET). Estimates for 1970-76 were based on Australian Bureau of Statistics publications developed for the Australia Council publication, *Artburst!* Recent statistics for vocational students are shown in Table A5.7.

Tables A5.8 to A5.10 are based on data provided by the Australian Copyright Council. Tables A5.11 to A5.13 represent research into newspaper coverage of the arts originally undertaken for *Artburst!* and updated for the current study.

Finally, an attempt was made to match the information on the growth in the arts and other cultural organisations in Australia which was a main feature of *Artburst!* In preparation for that study, successive editions of *Ozarts* enabled us to trace the growth in the number of organisations between 1970 and 1991 (Table A5.14). The essential information for each organisation was year of establishment. Organisations were assumed to have been disbanded if they did not appear in a subsequent edition of *Ozarts*.

Separate *Yellow Pages* were studied for each capital city between 1972 and 1997 for a number of selected classifications in an attempt to update the previous findings. While inferior to the *Ozarts* research, the results provide an additional insight into the growth in the number of arts organisations (Table A5.15).

**Table A5.1: Estimated value of arts-related activities, 1975-94 (\$million at 1996-97 prices)**

Year ended June	Film industry	Radio and television	Libraries, museums, galleries	Creative arts (own account)	Live performances	Architectural services	Advertising services	Photography services	Publishing activities	Total identified here	Compare whole economy	Ratio
1975	829	1,286	411	80	265	895	972	221	1,494	6,453	506,131	1.28%
1979	692	1,771	393	110	355	749	1,435	185	1,781	7,471	551,148	1.36%
1980	661	1,820	415	96	253	842	1,583	181	1,804	7,656	583,494	1.31%
1981	665	1,965	435	145	261	1,181	2,073	185	1,820	8,731	613,423	1.42%
1982	728	2,396	524	203	435	1,221	2,279	239	2,126	10,150	635,060	1.60%
1983	726	2,441	574	215	441	961	2,369	238	2,114	10,078	611,646	1.65%
1984	750	2,866	643	211	468	1,096	2,496	261	2,103	10,893	627,460	1.74%
1987	679	2,693	727	298	587	1,251	2,665	253	2,670	11,824	721,551	1.64%
1990	1,119	2,707	684	385	576	<i>1,132</i>	<i>3,241</i>	249	2,802	12,896	825,324	1.56%
1993	1,221	3,225	613	479	760	1,063	3,575	269	<i>3,137</i>	14,343	858,029	1.64%
1994	1,152	3,099	585	467	810	1,162	3,812	268	3,112	14,468	897,803	1.61%
Annual trend	3.1%	4.3%	2.8%	10.6%	6.6%	1.6%	6.7%	1.9%	4.2%	4.4%	3.1%	

Note: Figures in italics are estimated (on trend)

Source: Australian Bureau of Statistics, supply of selected input-output commodity items

**Table A5.2: 'Arts-related' and total cultural industries, 1993-94**

Commodity item (1) (Australian production plus competing imports and import duty)	At 1993-94 prices		At 1996-97 prices	
	All cultural industries	Arts-related industries	All cultural industries	Arts-related industries
<b>Motion pictures, radio and television</b>				
Motion picture production	501.6	501.6	533.3	533.3
Film hiring services	168.1	168.1	178.7	178.7
Motion picture theatre services	413.6	413.6	439.8	439.8
Radio and television station services	2,915.0	2,915.0	3,099.4	3,099.4
General government consumption of fixed capital	7.8		8.3	
<b>Total motion pictures, radio and television</b>	<b>4,006.1</b>	<b>3,998.3</b>	<b>4,259.5</b>	<b>4,251.2</b>
<b>Libraries, museums, arts</b>				
Library, museum and art gallery services	549.8	549.8	584.6	584.6
Zoological and botanical gardens	156.4		166.3	
Recreational parks and gardens operation	356.5		379.1	
Music and theatre production operation	321.9	321.9	342.3	342.3
Creative arts (own account)	428.7	428.7	455.8	455.8
Sound recording studios operation	60.0	60.0	63.8	63.8
Performing arts venue operation	355.8	355.8	378.3	378.3
Casting agency operation	12.8	12.8	13.6	13.6
News reporting services	88.6		94.2	
Services to the arts not elsewhere classified (2)	95.1	95.1	101.1	101.1
General government consumption of fixed capital	18.3		19.5	
<b>Total libraries, museums, arts</b>	<b>2,443.9</b>	<b>1,824.1</b>	<b>2,598.5</b>	<b>1,838.4</b>

Table A5.2 concluded: 'Arts-related' and total cultural industries, 1993-94

Commodity item (1) (Australian production plus competing imports and import duty)	At 1993-94 prices		At 1996-97 prices	
	All cultural industries	Arts-related industries	All cultural industries	Arts-related industries
<b>Other cultural commodity items</b>				
Newspapers, periodicals, books, maps and sheet music publishing	3,191.7	2,926.8	3,393.6	3,111.9
Newspapers, periodicals and books - advertising sales	2,812.9		2,990.8	
Recorded media manufacturing and publishing(3)	1,157.1		1,230.3	
Total publishing: recorded media manufacturing and publishing	7,161.7	2,926.8	7,614.7	3,111.9
Musical instruments and strings	87.3		92.8	
Architectural services	1,093.2	1,093.2	1,162.4	1,162.4
Advertising services	3,585.3	3,585.3	3,812.1	3,812.1
Commercial art and display services	2,156.2		2,292.6	
Photographic services not elsewhere classified	252.2	252.2	268.2	268.2
<b>Total other cultural commodity items</b>	<b>14,335.9</b>	<b>7,857.5</b>	<b>15,242.7</b>	<b>8,354.5</b>
<b>Grand total (4)</b>	<b>20,785.9</b>	<b>13,679.9</b>	<b>22,100.7</b>	<b>14,444.1</b>

1 As arranged in Australian Bureau of Statistics and Department of Communications and the Arts, *Cultural Trends in Australia: A Statistical Overview* (Canberra 1997, ABS Catalogue 4172.0), and in the input-output commodity statistics.

2 Live performances were estimated on trend at \$810 million in Table A5.1. Music and theatre production, sound recording studio, performing arts venue and casting agency operation adds to \$797 million.

3 Manufacturing and publishing of audio and video tapes, CDs and records not available for previous years.

4 ABS/DOCA table (page 33) shows a total of \$20,887.1, with a slightly higher figure of 7,262.9 for publishing and recorded media.

Table A5.3: Average annual household expenditure at 1996-97 prices: Selected items

	Average per household				Annual change	
	1984	1989-90	1993-94	1984-90	1990-94	1984-94
Paintings, carvings, sculptures	\$ 18.91	\$ 13.85	\$ 21.56	-5.5%	11.7%	1.4%
Video cassettes (blank and pre-recorded)	\$ 26.12	\$ 23.93	\$ 39.81	-1.6%	13.6%	4.5%
CDs, records and tapes (audio)	\$ 72.94	\$ 76.18	\$ 106.16	0.8%	8.6%	4.0%
Books	\$ 151.29	\$ 157.40	\$ 170.84	0.7%	2.1%	1.3%
Newspapers (excl.newspaper-type magazines)	\$ 149.49	\$ 129.07	\$ 141.54	-2.6%	2.3%	-0.6%
Magazines, comics, other printed material	\$ 106.26	\$ 79.96	\$ 104.50	-5.0%	6.9%	-0.2%
Musical instruments and accessories	\$ 43.23	\$ 30.85	\$ 25.43	-5.9%	-4.7%	-5.4%
Hire of video cassette tapes	\$ 63.94	\$ 73.04	\$ 79.06	2.4%	2.0%	2.3%
Cinema admission charges	\$ 47.73	\$ 44.70	\$ 65.79	-1.2%	10.1%	3.4%
Live theatre admission charges	\$ 61.24	\$ 57.92	\$ 71.32	-1.0%	5.3%	1.6%
Art gallery and museum fees	\$ 2.70	\$ 3.15	\$ 6.63	2.8%	20.5%	9.9%
Cultural and other non-sporting lessons	\$ 42.33	\$ 45.96	\$ 52.52	1.5%	3.4%	2.3%
<b>Total above items</b>	<b>\$ 786.18</b>	<b>\$ 736.02</b>	<b>\$ 885.18</b>	<b>-1.2%</b>	<b>4.7%</b>	<b>1.3%</b>
Television	\$ 136.88	\$ 136.00	\$ 153.70	-0.1%	3.1%	1.2%
Radio, stereo and hi-fi equipment	\$ 100.86	\$ 105.15	\$ 143.75	0.8%	8.1%	3.8%
Video cassette recorders and equipment	\$ 197.22	\$ 114.59	\$ 69.11	-9.4%	-11.9%	-10.5%
<b>Grand total selected items</b>	<b>\$ 1,221.14</b>	<b>\$ 1,091.76</b>	<b>\$ 1,251.75</b>	<b>-2.0%</b>	<b>3.5%</b>	<b>0.3%</b>
<b>All household expenditure</b>	<b>\$ 43,038</b>	<b>\$ 42,406</b>	<b>\$ 44,877</b>	<b>-0.3%</b>	<b>1.4%</b>	<b>0.4%</b>

Source: Australian Bureau of Statistics: Household expenditure surveys

Table A5.4: Number and capacity of identified cultural centres, 1968-98

	Number of centres			Number of theatres			Capacity (persons)		
	Capital city	Rest of State	Total number	Capital city	Rest of State	Total number	Capital city	Rest of State	Total number
	<b>1968</b>								
New South Wales	1	2	3	3	4	7	527	3,060	3,587
Victoria	1	3	4	1	5	6	508	3,396	3,904
Queensland		1	1		1	1		820	820
South Australia	2		2	3		3	2,612		2,612
Western Australia	1		1	3		3	1,929		1,929
Tasmania	1	1	2	1	1	2	747	1,065	1,812
Northern Territory									
ACT	1		1	1		1	1,189		1,189
<b>Australia</b>	<b>7</b>	<b>7</b>	<b>14</b>	<b>12</b>	<b>11</b>	<b>23</b>	<b>7,512</b>	<b>8,341</b>	<b>15,853</b>
	<b>1978</b>								
New South Wales	5	4	9	15	8	23	10,376	4,520	14,896
Victoria	2	6	8	3	10	13	2,891	4,937	7,828
Queensland		3	3		4	4		2,635	2,635
South Australia	2		2	8		8	6,766		6,766
Western Australia	1		1	4		4	3,658		3,658
Tasmania	2	1	3	2	1	3	847	1,065	1,912
Northern Territory									
ACT	3		3	5		5	3,172		3,172
<b>Australia</b>	<b>15</b>	<b>14</b>	<b>29</b>	<b>37</b>	<b>23</b>	<b>60</b>	<b>27,710</b>	<b>13,157</b>	<b>40,867</b>

Table A5.4 concluded: Number and capacity of identified cultural centres, 1968-98

	Number of centres			Number of theatres			Capacity (persons)		
	Capital city	Rest of State	Total number	Capital city	Rest of State	Total number	Capital city	Rest of State	Total number
	<b>1988</b>								
New South Wales	10	7	17	28	14	42	14,867	6,505	21,372
Victoria	3	11	14	7	27	34	8,907	9,805	18,712
Queensland	1	9	10	3	19	22	4,286	9,960	14,246
South Australia	2	4	6	8	7	15	6,766	3,227	9,993
Western Australia	2	3	5	6	5	11	6,258	1,745	8,003
Tasmania	2	1	3	2	1	3	847	1,065	1,912
Northern Territory	1	1	2	1	2	3	1,070	700	1,770
ACT	5		5	11		11	4,072		4,072
<b>Australia</b>	<b>26</b>	<b>36</b>	<b>62</b>	<b>66</b>	<b>75</b>	<b>141</b>	<b>47,073</b>	<b>33,007</b>	<b>80,080</b>
	<b>1998</b>								
New South Wales	11	7	18	31	14	45	15,787	6,505	22,292
Victoria	6	12	18	14	32	46	11,743	13,225	24,968
Queensland	1	13	14	4	28	32	5,146	14,841	19,987
South Australia	3	5	8	10	8	18	7,415	3,677	11,092
Western Australia	3	8	11	7	15	22	6,475	5,961	12,436
Tasmania	3	1	4	3	2	5	1,197	1,325	2,522
Northern Territory	1	1	2	2	2	4	1,368	700	2,068
ACT	7		7	17		17	5,304		5,304
<b>Australia</b>	<b>35</b>	<b>47</b>	<b>82</b>	<b>88</b>	<b>101</b>	<b>189</b>	<b>54,435</b>	<b>46,234</b>	<b>100,669</b>

Source: Survey of APACA members, 1998 (excluding one non-responding centre/venue of 400 seats)

Table A5.5: Number of visual and performing arts students, 1970-97

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Number	2,945	2,930	2,906	3,944	4,454	4,965	5,173	5,389	6,043	5,910
Number	6,830	7,661	9,803	10,315	10,621	11,112	11,963	13,010	13,071	12,977
Number	14,494	16,841	17,602	18,378	19,423	20,602	21,717	23,651		

Source: Department of Employment, Education, Training and Youth Affairs (1977-97); Estimates from ABS Year Book (Colleges of Advanced Education) and University Statistics available up to 1974 (1970-76)

Table A5.6: Student load in estimated full-time student units (EFTSU), visual and performing arts, 1989-97

Type of course	1989	1990	1991	1992	1993	1994	1995	1996	1997
Art	7,915	8,783	9,446	9,379	9,460	9,729	9,705	10,228	10,709
Graphic arts/fashion design	1,670	1,795	2,048	2,230	2,254	2,285	2,523	2,825	3,272
Craft, ornaments	1,199	942	984	948	933	862	792	709	707
Performing arts	2,366	2,554	3,157	2,961	3,060	2,895	2,941	3,169	3,804
Music	4,266	3,980	4,102	4,644	4,681	4,693	4,793	4,913	4,883
Other visual/performing arts	360	1,644	1,846	2,156	2,128	1,892	2,164	2,570	2,600
<b>Total EFTSU</b>	<b>17,776</b>	<b>19,698</b>	<b>21,583</b>	<b>22,318</b>	<b>22,516</b>	<b>22,356</b>	<b>22,918</b>	<b>24,414</b>	<b>25,975</b>
Compare number of students	12,977	14,494	16,841	17,602	18,378	19,423	20,602	21,717	23,651

Source: Department of Employment, Education, Training and Youth Affairs (DEETYA)

Table A5.7: Vocational education and training enrolments in Australia\*

Field of study	1990	1991	1992	1993	1994	1995	1996
Visual and performing arts, general	3,252	10,539	8,710	9,027	11,379	17,180	15,823
Conservation of art and cultural material	148	235	449	296	300	709	429
Crafts, ornaments	44,692	45,397	43,940	41,715	35,234	58,620	55,765
Dance	5,698	3,999	4,148	4,426	3,922	20,624	22,283
Dramatic arts	985	1,433	987	1,511	1,266	2,894	2,958
Film and photographic arts	5,827	5,724	5,284	5,451	5,649	9,903	11,525
Fine arts	24,438	27,464	24,543	24,897	22,614	39,622	40,872
Graphic arts and design	10,256	10,409	9,248	8,582	7,192	12,733	8,520
Music	6,105	5,814	5,141	6,020	6,180	11,915	14,401
Fashion design	10,396	19,748	18,152	13,633	12,719	6,779	4,953
Other visual and performing arts	2,199	2,942	4,102	3,359	2,329	5,692	6,285
<b>Total</b>	<b>113,996</b>	<b>133,704</b>	<b>124,704</b>	<b>118,917</b>	<b>108,784</b>	<b>186,671</b>	<b>183,814</b>

\* Technical and further education (TAFE), adult and community education, and private providers

Notes: Field of study classification changed from 'art and design'. Now part of 'arts, humanities and social sciences'. Discontinuity from 1995 due to NSW Board of Adult and Community Education (ACE) starting to report enrolments, plus quality checking and reclassification of data. Increasing provision of arts education and training by private providers also played a role.

Table A5.8: Number of enquiries to the Australian Copyright Council

Year	Literature	Music	Theatre	Visual art	Film	Computers	Other	Total
1974								241
1975								375
1976								500
1977								1,142
1978								1,620
1979								1,905
1980								2,960
1981								5,067
1982	1,965	810	86	1,031	270	295	454	4,911
1983								5,556
1984								6,000
1985	2,237	814	144	1,776	542	281	523	6,317
1986	3,099	1,081	206	2,224	630	357	1,523	9,120
1987	3,081	1,590	231	2,260	603	366	1,594	9,725
1988	2,795	1,494	197	2,448	594	431	1,503	9,462
1989	2,592	1,338	235	2,302	683	407	997	8,554
1990	2,917	1,531	163	2,419	782	453	1,470	9,735
1991	3,000	1,609	208	2,435	798	522	1,308	9,880
1992	3,257	2,163	254	2,204	867	390	1,337	10,472
1993	3,568	1,994	153	2,550	791	333	1,517	10,906
1994	3,599	1,861	86	3,137	718	364	1,304	11,069
1995	4,040	2,041	78	3,446	772	495	1,170	12,042
1996	4,860	2,070	90	3,350	920	430	780	12,500
1997	5,120	2,270	140	2,680	1,010	550	1,230	13,000
1998	5,050	2,000	240	4,080	1,150	610	270	13,400

Source: Australian Copyright Council.

Table A5.8 concluded: Number of enquiries to the Australian Copyright Council

Notes:

Up to 1996, all enquiries were dealt with by staff lawyers. This number dropped from about 12,000 to 8,700 in 1996 and 5,400 in 1997. The total number of enquiries, however, did not drop; based on records kept in two sample periods, the estimated total number of enquiries in 1997 was 13,000.

In August 1998, the Council started to keep comprehensive records of calls taken by administrative staff. Between September and December 1998, 992 calls were put through to a staff lawyer for legal advice and 2,367 were provided with information sheets. This is equivalent to about 13,400 for a full year if the four months are representative. (Another 1,006 were referred to another organisation or the Council's web site.)

The percentage distribution of enquiries answered by the legal staff (shown below) was assumed to apply to all enquiries shown for 1996-98 in the main table.

Enquiries answered by legal staff at the Australian Copyright Council

Year	Literature	Music	Theatre	Visualart	Film	Computers	Other	Total
1996	3,379	1,442	61	2,333	643	302	540	8,700
1997	2,127	944	57	1,113	421	229	509	5,400
1998	1,200	475	56	969	273	145	66	3,184

Source: Australian Copyright Council

Table A5.9: Distribution of total enquiries to the Australian Copyright Council

Year	Literature	Music	Theatre	Visualart	Film	Computers	Other	Total
1982	40.0%	16.5%	1.8%	21.0%	5.5%	6.0%	9.2%	100.0%
1983								
1984								
1985	35.4%	12.9%	2.3%	28.1%	8.6%	4.4%	8.3%	100.0%
1986	34.0%	11.9%	2.3%	24.4%	6.9%	3.9%	16.7%	100.0%
1987	31.7%	16.3%	2.4%	23.2%	6.2%	3.8%	16.4%	100.0%
1988	29.5%	15.8%	2.1%	25.9%	6.3%	4.6%	15.9%	100.0%
1989	30.3%	15.6%	2.7%	26.9%	8.0%	4.8%	11.7%	100.0%
1990	30.0%	15.7%	1.7%	24.8%	8.0%	4.7%	15.1%	100.0%
1991	30.4%	16.3%	2.1%	24.6%	8.1%	5.3%	13.2%	100.0%
1992	31.1%	20.7%	2.4%	21.0%	8.3%	3.7%	12.8%	100.0%
1993	32.7%	18.3%	1.4%	23.4%	7.3%	3.1%	13.9%	100.0%
1994	32.5%	16.8%	0.8%	28.3%	6.5%	3.3%	11.8%	100.0%
1995	33.5%	16.9%	0.6%	28.6%	6.4%	4.1%	9.7%	100.0%
1996	38.9%	16.6%	0.7%	26.8%	7.4%	3.4%	6.2%	100.0%
1997	39.4%	17.5%	1.1%	20.6%	7.8%	4.2%	9.5%	100.0%
1998	37.7%	14.9%	1.8%	30.4%	8.6%	4.6%	2.0%	100.0%

Note: 1996 and 1997 based on queries actually dealt with by legal staff (70% of total in 1996, 41.5% in 1997). See Table A5.8 concerning 1998.

Source: Australian Copyright Council

Table A5.10: Australian Copyright Council Income, 1986-1997 (\$000 at 1997 prices)

Year	Grants		All other	Total grants	Non-grant income			All other grant income	Grand total income
	Australia Council	Film Commission			Affiliates	Publications	Seminars		
1986	221.6	12.2	15.3	249.1	8.7	33.9	19.1	26.6	337.4
1987	243.6	8.5	4.3	256.4	9.4	37.4	28.3	31.6	363.0
1988	237.3	18.5	5.3	261.0	7.8	33.2	34.9	19.2	356.1
1989	217.9	30.3	4.0	252.2	13.6	64.2	49.8	43.9	423.6
1990	220.6	21.7	4.6	246.9	17.5	71.5	27.9	56.4	420.3
1991	227.4	21.1	29.9	278.4	14.8	76.4	72.8	17.3	459.7
1992	223.3	20.7	92.0	335.9	14.8	82.4	44.8	37.8	515.7
1993	227.4	21.1	72.8	321.3	13.7	81.2	56.1	32.9	505.2
1994	228.5	21.3	44.7	294.5	15.5	83.1	55.6	25.7	474.4
1995	226.6	21.0	2.1	249.7	18.2	101.8	74.1	57.7	501.5
1996	222.3	20.4	21.1	263.8	16.5	91.6	107.2	100.2	579.3
1997	214.3	21.1	20.4	255.7	17.8	120.3	101.8	49.2	544.8

Source: Australian Copyright Council

**Table A5.1.1: Arts coverage in *The Sydney Morning Herald* and *The Australian***

Estimated annual rate (thousand standard column centimetres)

Artform	<i>The Sydney Morning Herald</i>				<i>The Australian</i>			
	1971	1981	1991	1997-98	1971	1981	1991	1997-98
	<b>Features and reviews</b>							
Dance	0.9	8.2	6.3	18.9	4.4	4.3	13.3	16.1
Film	11.6	27.0	53.1	94.6	9.7	38.2	43.8	43.3
Literature	57.1	44.7	79.5	54.0	49.1	45.4	59.2	76.4
Music	36.6	36.2	108.5	105.3	25.3	15.0	38.4	46.1
Theatre	8.0	33.2	65.6	61.5	25.7	26.7	20.8	28.6
Visual arts	15.7	12.5	22.4	43.5	13.3	22.7	33.2	57.9
<b>Total</b>	<b>129.9</b>	<b>161.8</b>	<b>335.4</b>	<b>377.8</b>	<b>127.5</b>	<b>152.3</b>	<b>208.7</b>	<b>268.4</b>
	<b>Advertisements and related material</b>							
Dance	1.9	0.7	17.9	20.9	1.6	0.0	0.1	0.1
Film	24.9	20.4	197.5	248.4	3.7	4.1	7.8	12.8
Literature	3.4	12.5	3.2	6.9	8.6	15.2	5.1	12.7
Music	13.3	20.3	96.7	168.9	8.0	1.4	6.2	7.3
Theatre	15.2	16.7	72.5	60.1	7.9	3.7	3.2	8.6
Visual arts	3.4	18.4	16.7	28.4	3.0	6.5	4.0	9.5
<b>Total</b>	<b>62.1</b>	<b>89.0</b>	<b>404.5</b>	<b>533.6</b>	<b>32.8</b>	<b>30.9</b>	<b>26.4</b>	<b>51.0</b>
<b>Grand total</b>	<b>192.0</b>	<b>250.8</b>	<b>739.9</b>	<b>911.4</b>	<b>160.3</b>	<b>183.2</b>	<b>235.1</b>	<b>319.4</b>
Total newspaper	9,254	9,088	12,183	15,522	4,321	3,588	5,165	7,364
Arts features and reviews	1.4%	1.8%	2.8%	2.4%	3.0%	4.2%	4.0%	3.6%
Advertisements, etc.	0.7%	1.0%	3.3%	3.4%	0.8%	0.9%	0.5%	0.7%
<b>Total</b>	<b>2.1%</b>	<b>2.8%</b>	<b>6.1%</b>	<b>5.9%</b>	<b>3.7%</b>	<b>5.1%</b>	<b>4.6%</b>	<b>4.3%</b>

Source and notes: See next page

**Table A5.1.2: Arts coverage in *The Advertiser*, Adelaide**

Estimated annual rate (thousand standard column centimetres)

	1971			1981			1991			1997-98		
	<b>Editorial content</b>			<b>Editorial content</b>			<b>Editorial content</b>			<b>Editorial content</b>		
Arts comment, news and photographs	9.6	47.7	87.6	9.6	47.7	87.6	9.6	47.7	87.6	9.6	47.7	87.6
Performing arts reviews	8.2	14.9	11.5	8.2	14.9	11.5	8.2	14.9	11.5	8.2	14.9	11.5
Visual arts and crafts reviews	5.5	7.5	3.6	5.5	7.5	3.6	5.5	7.5	3.6	5.5	7.5	3.6
Film reviews and film news	9.3	13.6	9.4	9.3	13.6	9.4	9.3	13.6	9.4	9.3	13.6	9.4
Book reviews	16.4	16.9	15.1	16.4	16.9	15.1	16.4	16.9	15.1	16.4	16.9	15.1
<b>Total editorial</b>	<b>49.0</b>	<b>100.6</b>	<b>127.2</b>	<b>49.0</b>	<b>100.6</b>	<b>127.2</b>	<b>49.0</b>	<b>100.6</b>	<b>127.2</b>	<b>49.0</b>	<b>100.6</b>	<b>127.2</b>
	<b>Advertising</b>			<b>Advertising</b>			<b>Advertising</b>			<b>Advertising</b>		
Advertising performing arts	20.5	43.4	34.5	20.5	43.4	34.5	20.5	43.4	34.5	20.5	43.4	34.5
Advertising films	70.5	75.9	56.2	70.5	75.9	56.2	70.5	75.9	56.2	70.5	75.9	56.2
Total advertising	91.0	119.3	90.7	91.0	119.3	90.7	91.0	119.3	90.7	91.0	119.3	90.7
<b>Total editorial and advertising</b>	<b>140.0</b>	<b>219.9</b>	<b>217.9</b>	<b>140.0</b>	<b>219.9</b>	<b>217.9</b>	<b>140.0</b>	<b>219.9</b>	<b>217.9</b>	<b>140.0</b>	<b>219.9</b>	<b>217.9</b>

**Table A5.1.1:**

Source: *The Sydney Morning Herald* (including *Metro*, *Good Weekend*, *The Sun Herald*, occasional supplements including features on festivals, in previous years the *Eastern Herald* and the *Northern Herald*); *The Australian* (including the *Australian Magazine*). Based on two weeks per year: late April-early May and November. Additional estimate for *The Australian's Review of Books* based on October 1999 issue.

Estimated standard column centimetres per page (at standard column width of 5.4 cm): broadsheets 392; other formats (tabloid, TV guides, new and previous formats of weekend magazine, etc.), calculated after conversion, as appropriate, to 5.4 cm standard column width.

Advertising and related material includes lists of events and exhibitions, theatre directories, film, gigs, etc.

TV features, reviews and advertisements, broadcasting, heritage and conservation items excluded in previous years.

**Table A5.1.2:**

Source: *The Advertiser* with weekend and occasional supplements.

Calculations as for Table A5.1.1. The latest survey coincided with *The Advertiser* changing from broadsheet to tabloid format on 1 November 1997 and assuring readers that this would be accompanied by a great increase in arts content.

'Just as the arts play an important part in our day to day lives, so too will they be an important part of the ... new shape *Advertiser*.'

'The new format will incorporate arts news, issues and reviews daily, reflecting the vibrancy and diversity of the arts community in the Festival state. You can expect two full pages of arts every day to feed your sensibilities.' Samela Harris, Arts Editor, 1 November 1997, p. 27.



**Table A5.15: Yellow Pages arts categories count, seven capital cities, 1972-97**

	1972	1977	1987	1997
Art dealers	65	111	209	250
Art galleries	258	437	745	903
Artists	464	365	413	563
Casting agencies (1)	10	18	39	130
Craft materials and supplies (2)	155	400	616	1,050
Film production facilities, equipment and services (3)	385	417	1,168	1,170
Music arrangers and composers		5	75	240
Music and musical instruments	311	443	637	791
Organisations - cultural and educational (4)	116	153	261	270
Book publishers (5)	262	366	679	851
Theatrical managers, producers and agents	38	42	103	143
Theatrical supplies and/or services	84	123	374	533
Valuers - fine arts and antiques (6)	12	24	72	161
<b>Total</b>	<b>2,160</b>	<b>2,904</b>	<b>5,391</b>	<b>7,055</b>
Annual growth		6.1%	6.4%	2.7%

Source: *Yellow Pages* (Pink Pages in 1970s). Dates as close as possible from available volumes. Hobart covers southern Tasmania, Canberra covers Queanbeyan and Yass districts.

- (1) Theatrical/casting agencies in older directories.  
(2) Handicrafts and/or materials in older directories.  
(3) In older directories, the category was film production services and/or laboratories; to ensure compatibility, the two recent categories (film production facilities and equipment and film production services) were added.  
(4) Only relevant organisations included.  
(5) In older directories, book publishers were taken from a single category of publishers.  
(6) In older directories, entries mentioning fine arts and antiques were selected from 'valuers - general' or 'valuers - furniture and general'.

## appendix 6

### SELECTED CULTURAL INDUSTRIES, 1996-97

The Australian Bureau of Statistics conducted a number of industry surveys mainly relating to 1996-97, of which seven were within the arts and heritage sectors of the Australian economy. Apart from their intrinsic interest, enhanced by a variety of industry-specific findings, the main merit of these surveys are their measures of gross industry product. These show the contribution of each industry to the total gross domestic product (GDP), net of inputs from other industries and sectors, which are counted as part of those industries' or sectors' gross product.

Coupled with input-output statistics available for many industries up to 1993-94, it was possible to estimate a reasonably comprehensive total gross product for the arts-related sector. It is not complete, lacking most art-related wholesale and retail trade activities including bookshops, music stores, craft shops and other outlets. There is also no estimate for arts education.

Table A6.1 overleaf is an expanded version of Chapter 2's Table 2.2. It shows:

- + employment broken down into full-time and part-time (the ratio varies from only 20% full-time employees in motion picture exhibition and 42% in the performing arts, to majorities in the other industries),
- + funding as distinct from other income (public broadcasters and libraries attract by far the greatest amounts), and
- + labour as distinct from other expenses (overall share of total: 26.3%).

We make two concluding observations related to measures of the contribution of the arts or cultural industries to the total economy. First, published measures based on input-output data exaggerate these contributions by a factor of about two. Secondly, while we are confident that the arts gross product estimate based on the new industry gross product measures in Chapter 2 is in the right 'ballpark', it is only a beginning. When the Australian Framework for Culture/Leisure Statistics is implemented and new gross product data emerge, these statistics will be much improved.


**Table A6.1: Key aggregates of selected cultural industries, 1996-97**

	At end June 1997											Total			Expenses			Gross product		
	Organisations		Employment			Income		Funding*		Labour										
	Full-time	Part-time	Total	Funding*	Other	Labour	Other	Labour	Other	Labour	Other	Labour	Other	Labour	Other	Labour	Other			
<b>Performing arts industries</b>	<b>1,419</b>	<b>5,736</b>	<b>7,973</b>	<b>13,709</b>	<b>303.0</b>	<b>1,023.1</b>	<b>1,326.1</b>	<b>380.5</b>	<b>904.4</b>	<b>1,284.9</b>	<b>415.7</b>	<b>223.2</b>	<b>368.6</b>	<b>591.8</b>	<b>223.5</b>	<b>112.7</b>	<b>64.8</b>			
Music and theatre production	881	3,065	3,016	6,081	184.2	410.1	594.3	223.2	368.6	591.8	223.5	105.2	215.2	320.4	112.7					
Performing arts venues	150	1,583	4,019	5,602	92.7	238.9	331.6	42.0	290.9	332.9	64.8	42.0	290.9	332.9						
Services to the arts	369	905	771	1,676	26.1	329.4	355.5	10.1	29.7	39.8	14.7	10.1	29.7	39.8						
Theatre ticket agency services	19	183	167	350	44.7	44.7	44.7													
<b>Libraries and museums</b>	<b>788</b>	<b>10,636</b>	<b>6,878</b>	<b>17,514</b>	<b>901.9</b>	<b>189.9</b>	<b>1,091.8</b>	<b>507.6</b>	<b>524.6</b>	<b>1,032.2</b>	<b>605.5</b>	<b>326.8</b>	<b>303.7</b>	<b>630.5</b>	<b>406.4</b>	<b>50.4</b>	<b>123.5</b>			
Libraries	564	6,969	4,908	11,877	596.7	69.9	666.6	326.8	303.7	630.5	406.4	48.3	61.1	109.4	50.4					
Art museums	32	941	289	1,230	93.0	37.3	130.3	106.6	128.7	235.3	123.5	106.6	128.7	235.3						
Museums	102	2,203	1,038	3,241	174.1	60.5	234.6	9.7	9.5	19.2	9.7	9.7	9.5	19.2						
Local government museums and art museums	69	176	268	444	19.2	2.8	22.0	16.2	21.6	37.8	15.5	16.2	21.6	37.8						
Historic houses	21	347	375	722	18.9	19.4	38.3													
<b>Commercial art galleries</b>	<b>457</b>	<b>643</b>	<b>513</b>	<b>1,156</b>	<b>2.1</b>	<b>85.2</b>	<b>87.3</b>	<b>12.4</b>	<b>69.5</b>	<b>81.9</b>	<b>16.8</b>	<b>139.6</b>	<b>855.0</b>	<b>994.6</b>	<b>255.4</b>	<b>162.1</b>	<b>46.2</b>			
<b>Music Businesses (1995-96)</b>	<b>541</b>	<b>3,318</b>	<b>568</b>	<b>3,886</b>	<b>792.4</b>	<b>792.4</b>	<b>792.4</b>	<b>93.0</b>	<b>658.5</b>	<b>751.5</b>	<b>162.1</b>	<b>93.0</b>	<b>658.5</b>	<b>751.5</b>	<b>162.1</b>	<b>46.2</b>	<b>17.2</b>			
Record companies and distributors	153	2,074	250	2,324																
Manufacturers of recorded music	23	478	15	493																
Music publishers	73	225	44	269																
Sound recording studios	292	541	259	800																
<b>Film and video industry</b>	<b>386</b>	<b>8,509</b>	<b>10,009</b>	<b>18,518</b>	<b>2,934.6</b>	<b>2,934.6</b>	<b>2,934.6</b>	<b>536.9</b>	<b>2,342.6</b>	<b>2,879.5</b>	<b>927.6</b>	<b>351.7</b>	<b>843.8</b>	<b>1,195.5</b>	<b>440.4</b>	<b>211.0</b>	<b>276.2</b>			
Film and video production	132	5,857	3,581	9,438																
Film and video distribution	66	1,107	234	1,341																
Motion picture exhibition	188	1,545	6,194	7,739																
<b>Radio and television services</b>	<b>311</b>	<b>NA</b>	<b>NA</b>	<b>19,184</b>	<b>649.3</b>	<b>4,099.6</b>	<b>4,749.0</b>	<b>1,228.7</b>	<b>3,748.1</b>	<b>4,976.8</b>	<b>1,513.6</b>	<b>196.6</b>	<b>333.5</b>	<b>530.1</b>	<b>342.7</b>	<b>776.1</b>	<b>394.8</b>			
Radio services - private broadcasters	261	3,682	1,382	5,064	8.1	614.6	622.7													
Television services - private broadcasters	48	7,820	1,052	8,872																
Radio and TV services - public broadcasters	2	NA	NA	5,248	641.2	134.3	775.6													
<b>Total of above industries</b>	<b>3,902</b>	<b>NA</b>	<b>NA</b>	<b>73,967</b>	<b>1,856.3</b>	<b>9,396.3</b>	<b>11,252.7</b>	<b>2,805.7</b>	<b>8,444.2</b>	<b>11,249.9</b>	<b>3,734.6</b>	<b>2,805.7</b>	<b>8,444.2</b>	<b>11,249.9</b>	<b>3,734.6</b>	<b>2,805.7</b>	<b>8,444.2</b>			

Italics indicate partly estimated.

\* Note: Funding includes private funding.

Source: Australian Bureau of Statistics: Catalogue numbers 86970 (Performing Arts Industries), 86490 (Libraries and Museums), 86510 (Commercial Art Galleries), 41420 (Business of Music), 86540 (Motion Picture Exhibition), 86790 (Film and Video Production and Distribution), and 86800 (Radio and Television Services)